# CITY OF NEWTON PURCHASING DEPARTMENT

# CONTRACT FOR PUBLIC WORKS – UTILITIES DIVISION

# PROJECT MANUAL: SUPPLY & DELIVER BRASS FITTINGS & VALVES INVITATION FOR BID #12-26

Bid Opening Date: November 10, 2011 at 10:00 a.m.

**OCTOBER 2011** 

Setti D. Warren, Mayor

# **CITY OF NEWTON, MASSACHUSETTS**

PURCHASING DEPARTMENT purchasing@newtonma.gov

Fax (617) 796-1227

November 7, 2011

# **ADDENDUM #1**

# **INVITATION FOR BID #12-26**

# ANNUAL – S&D BRASS FITTINGS & VALVES

THIS ADDENDUM IS TO: Answer the following Questions:

- Q1. Does the manufacture have to be Ford or Mueller?
  - A1. YES, as stated in section 5.1.
- Q2. Also if not specified can it be Lee Brass or Merit Brass Fittings?

A2. Section 5.1 states "Therefore, no alternates will be accepted for items listed on pages 7 through 10 unless Ford or Mueller do not provide such item". Section 5.1 should state "Therefore, no alternates will be accepted for items listed on pages 6 through 9 unless Ford or Mueller do not provide for such item"

All other terms and conditions of this bid remain unchanged.

PLEASE ENSURE THAT YOU ACKNOWLEDGE THIS ADDENDUM ON YOUR BID FORM.

Thank you.

Rositha Durham

Chief Procurement Officer

Postla Durham

# **CITY OF NEWTON**

# PURCHASING DEPARTMENT

# **INVITATION FOR BID #12-26**

The City of Newton invites sealed bids from Contractors to:

# SUPPLY & DELIVER BRASS FITTINGS & VALVES

# Bids will be received until: 10:00 a.m., November 10, 2011

at the Purchasing Department, Room 204, Newton City Hall, 1000 Commonwealth Ave., Newton, MA 02459. Immediately following the deadline for bids all bids received within the time specified will be publicly opened and read aloud.

Work under this contract requires a contractor to supply and deliver Brass Fittings & Valves in accordance with the Project Manual.

The DELIVERY SCHEDULE will be on an as needed basis. Contract prices shall remain fixed **for a period of 90 calendar days upon award**. All prices shall be FOB Destination. The dollar value of the contract may not be increased by an amount more than twenty five percent (25%) of the contract total.

Bidders must bid on all line items. Bidders not providing a unit price and total price for each line item may be deemed unresponsive. The contract will be awarded to the responsible and responsive bidder offering the lowest total contract price for all items.

Contract Documents will beavailable online at the City's website: <a href="www.ci.newton.ma.us/bids">www.ci.newton.ma.us/bids</a> after: 10:00 a.m., October 27, 2011. Bidders are responsible for downloading the specifications from the City's web site at <a href="www.ci.newton.ma.us/bids">www.ci.newton.ma.us/bids</a>. Bidders are requested to email the Purchasing Department (<a href="purchasing@newtonma.gov">purchasing@newtonma.gov</a>) their Company Name, Address, Email address, Phone & Facsimile number and what bid # (i.e. 12-26) they have downloaded.

Bid Surety is not required for this bid.

All bids are subject to the provisions of M.G.L. Chapter 30B.

# All bids must be submitted with one ORIGINAL and one COPY.

All City of Newton bids are only available on the City's web site, <a href="www.ci.newton.ma.us/bids">www.ci.newton.ma.us/bids</a> Invitation for Bid. It is the sole responsibility of the contractor downloading these bids to ensure they have received any and all addenda prior to the bid opening. Addenda's will be available online within the original bid document as well as a separate file. If you download bids from the internet site and would like to make it known that your company has done so, you may email <a href="mailto:purchasing@newtonma.gov">purchasing@newtonma.gov</a> or fax it to 617-796-1227 with your NAME, ADDRESS, PHONE, FAX AND INVITATION FOR BID NUMBER.

The City of Newton will reject any and all bids when required to do so by the above referenced General Laws. In addition, the City of Newton reserves the right to waive any informalities in any or all bids, or to reject any or all bids in whole or in part, if it be in the public interest to do so.

CITY OF NEWTON

Rositha Durham
Chief Procurement Officer

October 27, 2011

# **CITY OF NEWTON**

# DEPARTMENT OF PURCHASING

# INSTRUCTIONS TO BIDDERS

# ARTICLE 1 - BIDDER'S REPRESENTATION

- 1.1 Each General Bidder (hereinafter called the "Bidder") by making a bid (hereinafter called "bid") represents that:
  - 1. The Bidder has read and understands the Contract Documents and the bid is made in accordance therewith.
  - 2. The Bidder has visited the site and is familiar with the local conditions under which the Work has to be performed.
- 1.2 Failure to so examine the Contract Documents and site will not relieve any Bidder from any obligation under the bid as submitted.

# ARTICLE 2 - REQUEST FOR INTERPRETATION

- 2.1 Bidders shall promptly notify the City of any ambiguity, inconsistency, or error which they may discover upon examination of the Contract Documents, the site, and local conditions.
- 2.2 Bidders requiring clarification or interpretation of the Contract Documents shall make a written request to the *Chief Procurement Officer*, at <a href="mailto:purchasing@newtonma.gov">purchasing@newtonma.gov</a> or via facsimile (617) 796-1227. The City will answer such requests if received Friday, November 4, 2011 at 12:00 noon.
- 2.3 Interpretation, correction, or change in the Contract Documents will be made by Addendum which will become part of the Contract Documents. The City will not be held accountable for any oral instruction.
- 2.4 Addenda will be emailed to every individual or firm on record as having taken a set of Contract Documents.
- 2.5 Copies of addenda will be made available for inspection at the location listed in the Invitation for Bids where Contract Documents are on file, in addition to being available online at www.ci.newton.ma.us/bids.
- 2.6 Bidders or proposers contacting ANY CITY EMPLOYEE regarding an Invitation for Bid (IFB) or a Request for Proposal (RFP), outside of the Purchasing Department, once an IFB or RFP has been released, may be disqualified from the bidding process.
- Bidders downloading information off the internet web site are soley responsible for obtaining any addenda prior to the bid opening. If the bidder makes themselves known to the Purchasing Dept., at <a href="mailto:purchasing@newtonma.gov">purchasing@newtonma.gov</a> or via facsimile (617) 796-1227, they shall be placed on the bidder's list. Bidders must provide the Purchasing Dept. with their company's name, street address, city, state, zip, phone, fax, email address and INVITATION FOR BID #12-26.

# **ARTICLE 3 - MBE PARTICIPATION**

- 3.1 Notice is hereby given that the Mayor's Affirmative Action Plan for the City of Newton, dated December 1999 is applicable to all construction contracts in excess of \$10,000.00. A copy of this plan is on file at City of Newton Purchasing Department.
- 3.2 Notice is hereby given that the City of Newton Minority/Women Business Enterprise Plan dated December 1999 and the Supplemental Equal Employment Opportunity Anti-Discrimination and Affirmative Action Program is applicable to all City contracts for goods and services in excess of \$50,000.00. Copies of these plans are incorporated in the bidding documents.

## ARTICLE 4 - PREPARATION AND SUBMISSION OF BIDS

- 4.1 Bids shall be submitted on the "Bid Form" as appropriate, furnished by the City.
- 4.2 All entries on the Bid Form shall be made by typewriter or in ink.
- 4.3 Where so indicated on the Bid Form, sums shall be expressed in both words and figures. Where there is a discrepancy between the bid sum expressed in words and the bid sum expressed in figures, the words shall control.
- 4.4 Bid Deposits shall be submitted in the amount specified in the Invitation for Bids. They shall be made payable to the City of Newton and shall be either in the form of cash, certified check, treasurer's or cashier's check issued by a responsible bank or trust company, or a bid bond issued by a surety licensed to do business in the Commonwealth of Massachusetts; and shall be conditioned upon the faithful performance by the principal of the agreements contained in the bid.
  - Bid deposits of the three (3) lowest responsible and eligible Bidders shall be retained until the execution and delivery of the Owner/Contractor agreement.
- 4.5 The Bid, including the bid deposit shall be enclosed in a sealed envelope with the following plainly marked on the outside:
  - GENERAL BID FOR:
  - NAME OF PROJECT AND INVITATION NUMBER
  - BIDDER'S NAME, BUSINESS ADDRESS, AND PHONE NUMBER
- 4.6 Date and time for receipt of bids is set forth in the Invitation for Bids.
- 4.7 Timely delivery of a bid at the location designated shall be the full responsibility of the Bidder.
- 4.8 Bids shall be submitted with one **original** and one **copy.**

# **ARTICLE 5 - ALTERNATES**

5.1 The city has standardized its use of brass fittings to Ford or Mueller. Therefore, no Alternates will be accepted for items listed on pages 7 through 10 unless Ford or Mueller do not provide such item.

# ARTICLE 6 - WITHDRAWAL OF BIDS

- 6.1 Any bid may be withdrawn prior to the time designated for receipt of bids on written or telegraphic request. Telegraphic withdrawal of bids must be confirmed over the Bidder's signature by written notice postmarked on or before the date and time set for receipt of bids.
- 6.2 Withdrawn bids may be resubmitted up to the time designated for the receipt of bids.
- 6.3 No bids shall be withdrawn within thirty days, Saturdays, Sundays and legal holidays excluded, after the opening of the bids.

# ARTICLE 7 - CONTRACT AWARD

- 7.1 The City of Newton will award the contract to the lowest eligible and responsible Bidder within thirty days, Saturdays, Sundays, and legal holidays excluded after the opening of bids.
- 7.2 The City of Newton reserves the right to waive any informalities in or to reject any or all Bids if it be in the public interest to do so.
- 7.3 As used herein, the term "lowest responsible and eligible Bidder" shall mean the Bidder (1) whose bid is the lowest of those bidders possessing the skill, ability and integrity necessary for the faithful performance of the work; (2) who shall certify that he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed in the work; (3) who, where the provisions of section eight B of chapter twenty-nine apply, shall have been determined to be qualified thereunder.

- 7.4 Subsequent to the award and within five (5) days, Saturday, Sundays and legal holidays excluded, after the prescribed forms are presented for signature, the successful Bidder shall execute and deliver to the City a Contract in the form included in the Contract Documents in such number of counterparts as the City may require.
- 7.5 In the event that the City receives low bids in identical amount from two or more responsive and responsible Bidders, the City shall select the successful Bidder by a blind selection process such as flipping a coin or drawing names from a hat. The low Bidders who are under consideration will be invited to attend and observe the selection process.

# ARTICLE 8 - TAXES

- 8.1 The Bidder shall not include in this bid any tax imposed upon the sale or rental of tangible personal property in this Commonwealth, such as any and all building materials, supplies, services and equipment required to complete the work.
- The City is exempt from payment of the Massachusetts Sales Tax, and the Bidder shall not include any sales tax on its bid. The City's exemption Number is E-046-001-404.

**END OF SECTION** 

# CITY OF NEWTON PURCHASING DEPARTMENT BID FORM #12-26

**A.** The undersigned proposes to supply and deliver the materials and/or equipment and/or supplies specified below in full accordance with the Contract Documents and Project Manual supplied by the City of Newton entitled:

# **Supply & Deliver Brass Fittings & Valves**

	for the contract price(s) specified below, subject to additions and deduction according to the terms of the specifications.
В.	This bid includes addenda number(s),,,

**C.** The Bidder proposes to supply and deliver the materials specified at the following price(s):

Description	n		Unit Price	Quantity	<b>Total Cost</b>
STOP 1"	Female	Z11-44SW		30	
STOP 1"		Z44-44SW		250	
EVALVE 1"		KV23-444-HT4		250	
OAPT. TO 1" VALVE		A-14		50	
OAPT. TO 1" VALVE		FHA-34		40	
UNION COUPLING		C44-44		150	
ATOR 1"	Male	C84-44		100	
OR MALE 1"	Flared	C28-44		75	
OR 1"	Female	C14-44		175	
V FLARED 1 X 1"	Male	L28-44		80	
RON COUP 1X1-1/4"		C45-45		170	
CC X PJ 1"	Ford	F-1,000		100	
R TUBE NUT 1"		FJCTN-4		25	
ACK JOINT W/RUBBER 1"		NG-F4		25	
BRASS 1/2"		MC8-1		5	
BRASS ¾		MC8-3		5	
BRASS 1"		MC8-4		10	
BRASS 2"		MC8-7		10	
BRASS 3"		MC8-		10	
BRASS FITTINGS 1-1/2"					
STOP 1-1/2"		B44-666		15	
R TO COP. UNION 1-1/2		C44-66		15	
OR 1-1/2"	Male	C84-66		10	
OR MALE 1-1/2"	Flared	C28-66		10	
OR 1-1/2"	Female	C14-66		10	
V FLARED M TO IRON 1-1/2		L28-66		10	
CE TEE 1-1/2"		T444-666		3	
PRATION 1"	Mueller	H10003		40	
DRATION 1-1/2"	Mueller	H10003		25	
PRATION 2"	Mueller	H10003		15	
Descriptio	n		<b>Unit Price</b>	Quantity	<b>Total Cost</b>
FITTINGS 2"					
FIT					

31.	CURB COCK 2"	Ori-Seal	B44-777		1	
32.	CURB COCK 2"	Ori-Flared	B21-777		1	
33.	CURB COCK 2"	Iron	B11-777		1	
		Thread				
34.	COPPER TO COP. UNION 2"		C44-77		5	
35.	ADAPTOR 2"	Male	C84-77		5	
36.	ADAPTOR MALE 2"	Flared	C28-77		5	
37.	ADAPTOR 2"	Female	C14-77		1	
38.	ELBOW COP. TO FLARE 2"		L28-77		1	
	BRASS COUPLINGS					
	BRASS COULLINGS					
39.	BR COUPLING 3/4"				50	
40.	BR COUPLING 3/4" X 1/2"				50	
41.	BR COUPLING 1 X 3/4"				50	
42.	BR COUPLING 1"		MC11-44		5	
43.	BR COUPLING 1 X 1/2"				5	
44.	BR COOLEING LA 1/2				3	
45.	BR COUPLING 1-1/4 X 3/4 "				10	
46.	BR COUPLING 1-1/4 X 5/4 BR COUPLING 1-1/4				5	
47.	BR COUPLING 1-1/4 BR COUPLING 1-1/4 X 1"	Ford	C11-54		25	
48.	BR COUPLING 1-1/4 X 1 BR COUPLING 1-1/4 X 45'	roru	C11-34		5	
	BR COUPLING 1-1/4 X 43  BR COUPLING 1-1/2"				5	
49.	BR COUPLING 1-1/2 BR COUPLING 1-1/2 X 1 "				50	
50.	BR COUPLING 1-1/2 X 1 BR COUPLING 1-1/2 X 1-1/4"					
51.	BR COUPLING 1-1/2 X 1-1/4 BR COUPLING 2"				25	
52.					10	
53.	BR COUPLING 2 X 1 "		MC11-76		20	
54.	BR COUPLING 2 X 1-1/2"		MC11-76 MC11-77		20	
55.	BR COUPLING 2 X 45		MC11-//		5	
56.	BR ELBOW 3/4"				30	
57.	BR ELBOW 3/4" X 1/2"		NAT 11 44		20	
58.	BR ELBOW 1""		ML11-44		75	
59.	BR ELBOW 1 X 1/2"				10	
60.	BR ELBOW 1 X 3/4"				10	
	BR ELBOW 1-1/4"				15	
62.	BR ELBOW RED.1-1/4X3/4"				5	
63.	BR ELBOW RED.1-1/4X1"				5	
64.	BR ELBOW 1-1/2"				30	
65.	BR ELBOW 1-1/2 X 1"				10	
66.	BR ELBOW W/THREAD 2"		ML11-77		15	
67.	RED BR ELBOW 2 X 1-1/2"				5	
68.	RED BR ELBOW 2 X 1"		ML11-74		5	
Item	Description			Unit Price	Quantity	Total Cost
	BRASS TEE					
69.	BR TEE 3/4"				30	
70.	BR TEE 1"				25	
71.	BR TEE 1-1/2"				5	
72.	BR TEE 1-1/2 X 1-1/2 X 1"				2	
73.	BR TEE 1 X1 X 1"	Flared	T882-444		1	
74.	BR TEE 1 X 1 X 1"	Female	T441-444		1	
75.	BR TEE 1 X 1 X 1-1/4"	1 CHIAIC	2112111		1	
76.	BR TEE 1-1/2 X 1 X 1"				3	
77.	BR TEE 1-1/2 X1-1/2 X1-1/4				1	
78.	BR TEE 2"				5	
70.	DK TEE 2				J	

19.   BR TEE 2 X 1-1/4"	80. BR TEE 1.14 X 1.12"  \$1. BR TEE 1.14 X 1.14 X 1"  \$2. BR TEE 1.14 X 1.14 X 1"  \$3. BR NIPPLE 38 X CLOSE  \$3. BR NIPPLE 38 X CLOSE  \$4. BR NIPPLE 38 X CLOSE  \$5. BR NIPPLE 38 X 3"  \$6. BR NIPPLE 38 X "  \$6. BR NIPPLE 34 X 1.12"  \$6. BR NIPPLE 34 X 2"  \$7. BR NIPPLE 34 X 2.12"  \$8. BR NIPPLE 34 X 2.12"  \$8. BR NIPPLE 34 X 2.12"  \$8. BR NIPPLE 34 X 3"  \$9. BR NIPPLE 34 X 5"  \$9. BR NIPPLE 34 X 6"  \$9. BR NIPPLE 34 X 6"  \$9. BR NIPPLE 34 X 5"  \$9. BR NIPPLE 1 X 2"  \$9. BR NIPPLE 1 X 3"  \$9. BR NIPPLE 1 X 5"  \$9. BR NIPPLE 1 X 5"  \$9. BR NIPPLE 1 X 6"  \$10. BR NIPPLE 1 X 6"  \$10. BR NIPPLE 1 X 7"  \$10. BR NIPPLE 1 X 7"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 2 X 6"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 2 X 6"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 1 X 5"  \$10. BR NIPPLE 2 X 4"  \$10. BR NIPPLE 2 X 6"  \$10. BR NIPPLE 3 X 6"	70	DD TEE 2 V 1 1/4"			-	
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85. BR NIPPLE 3/4 X CLOSE	85.   BR NIPPLE 3/4 X CLOSE	83.	BR NIPPLE 3/8 X CLOSE			10	
86. BR NIPPLE 3/4 X CLOSE	86. BR NIPPLE 3/4 X CLOSE	84.	BR NIPPLE 3/8 X 1-1/2"			10	
86. BR NIPPLE 3/4 X CLOSE	86. BR NIPPLE 3/4 X CLOSE	85.	BR NIPPLE 3/8 X 3"			10	
86. BR NIPPLE 3/4 X CLOSE	Sec. BR NIPPLE 3/4 X CLOSE						
87. BR NIPPLE 3/4 X 2"  88. BR NIPPLE 3/4 X 2"  89. BR NIPPLE 3/4 X 3"  90. BR NIPPLE 3/4 X 4"  91. BR NIPPLE 3/4 X 5"  92. BR NIPPLE 3/4 X 6"  93. BR NIPPLE 3/4 X 6"  94. BR NIPPLE 1 X CLOSE  95. BR NIPPLE 1 X 2"  96. BR NIPPLE 1 X 2"  97. BR NIPPLE 1 X 2"  98. BR NIPPLE 1 X 3"  99. BR NIPPLE 1 X 4"  99. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  90. BR NIPPLE 1 X 5"  91. BR NIPPLE 1 X 5"  92. BR NIPPLE 1 X 5"  93. BR NIPPLE 1 X 5"  94. BR NIPPLE 1 X 5"  95. BR NIPPLE 1 X 5"  96. BR NIPPLE 1 X 5"  97. BR NIPPLE 1 X 5"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  90. BR NIPPLE 1 X 5"  91. BR NIPPLE 1 X 5"  92. BR NIPPLE 1 X 5"  93. BR NIPPLE 1 X 5"  94. BR NIPPLE 1 X 5"  95. BR NIPPLE 1 X 5"  96. BR NIPPLE 1 X 5"  97. BR NIPPLE 1 X 5"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  100. BR NIPPLE 1 X 5"  101. BR NIPPLE 1 X 5"  102. BR NIPPLE 1 X 5"  103. BR NIPPLE 1 X 5"  104. BR NIPPLE 1 X 5"  105. BR NIPPLE 2 X 5"  106. BR NIPPLE 2 X 5"  107. BR NIPPLE 2 X 5"  108. BR NIPPLE 2 X 5"  109. BR NIPPLE 2 X 5"  100. BR NIPPLE 2 X 5"  101. BR NIPPLE 2 X 5"  102. BR NIPPLE 2 X 5"  103. BR NIPPLE 2 X 5"  104. BR NIPPLE 2 X 5"  105. BR NIPPLE 2 X 5"  106. BR NIPPLE 2 X 5"  107. BR NIPPLE 2 X 5"  108. BR NIPPLE 2 X 5"  109. BR NIPPLE 2 X 5"  100. BR NIPPLE 2 X 5"  101. BR NIPPLE 2 X 6"  102. BR NIPPLE 2 X 5"  103. BR NIPPLE 2 X 6"  104. BR NIPPLE 2 X 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 3"  100. BR NIPPLE	87. BR NIPPLE 34 X 2"  88. BR NIPPLE 34 X 2-1/2"  89. BR NIPPLE 34 X 3  90. BR NIPPLE 34 X 4"  90. BR NIPPLE 34 X 4"  91. BR NIPPLE 34 X 6"  92. BR NIPPLE 34 X 6"  93. BR NIPPLE 34 X 6"  94. BR NIPPLE 1 X CLOSE  95. BR NIPPLE 1 X 2"  96. BR NIPPLE 1 X 2"  97. BR NIPPLE 1 X 3"  98. BR NIPPLE 1 X 3"  99. BR NIPPLE 1 X 4"  99. BR NIPPLE 1 X 4"  99. BR NIPPLE 1 X 4"  90. BR NIPPLE 1 X 4"  91. BR NIPPLE 1 X 4"  92. BR NIPPLE 1 X 5"  93. BR NIPPLE 1 X 5"  94. BR NIPPLE 1 X 5"  95. BR NIPPLE 1 X 5"  96. BR NIPPLE 1 X 4"  97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  90. BR NIPPLE 1 X 5"  91. BR NIPPLE 1 X 5"  92. BR NIPPLE 1 X 5"  93. BR NIPPLE 1 X 5"  94. BR NIPPLE 1 X 5"  95. BR NIPPLE 1 X 5"  96. BR NIPPLE 1 X 5"  97. BR NIPPLE 1 X 5"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  90. BRASS NIPPLE 5 1-1/2"  100. BR NIPPLE 1 1-1/2 X 5"  101. BR NIPPLE 1 1-1/2 X 5"  102. BR NIPPLE 1 1-1/2 X 5"  103. BR NIPPLE 1 1-1/2 X 5"  104. BR NIPPLE 1 1-1/2 X 5"  105. BR NIPPLE 1 1-1/2 X 6"  106. BR NIPPLE 2 X CLOSE  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  101. BR NIPPLE 2 X 6"  102. BR NIPPLE 2 X 6"  103. BR NIPPLE 2 X 6"  104. BR NIPPLE 2 X 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  101. BR NIPPLE 2 X 6"  102. BR NIPPLE 2 X 6"  103. BR NIPPLE 2 X 6"  104. BR NIPPLE 2 X 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 3 X 6"  107. BR NIPPLE 1 X 6"  108. BR NIPPLE 1 X 6"  109. BR NIPPLE 3 X 6"  100. BR NIPPLE 3 X 6"  100. BR NIPPLE 4 X 6"  100. BR NIPPLE 5 X 6"  100. BR NIPPLE 5 X 6"  100. BR NIPPLE 6 X 6"  100						
88. BR NIPPLE 3/4 X 2 -1/2"	88. BR NIPPLE 3/4 X 2-1/2"	86.	BR NIPPLE 3/4 X CLOSE	MC88-31		20	
89. BR NIPPLE 3/4 X 3' 90. BR NIPPLE 3/4 X 4" 91. BR NIPPLE 3/4 X 5" 92. BR NIPPLE 3/4 X 6" 93. BR NIPPLE 1 X CLOSE 94. BR NIPPLE 1 X 2" 95. BR NIPPLE 1 X 2" 96. BR NIPPLE 1 X 3" 97. BR NIPPLE 1 X 3" 98. BR NIPPLE 1 X 5" 99. BR NIPPLE 1 X 6" 80. BR NIPPLE 1 X 5" 80. BR NIPPLE 1 X 6" 80. BR NIPPLE 2 X 6" 80. BR NIPPLE 1 X 7 X 7 X 7 X 7 X 7 X 7 X 7 X 7 X 7 X	89. BR NIPPLE 3/4 X 3' 90. BR NIPPLE 3/4 X 5" 91. BR NIPPLE 3/4 X 5" 92. BR NIPPLE 3/4 X 6"  87. BRASS NIPPLE 1 X CLOSE  98. BR NIPPLE 1 X CLOSE  99. BR NIPPLE 1 X 2"  99. BR NIPPLE 1 X 2"  99. BR NIPPLE 1 X 2"  99. BR NIPPLE 1 X 3"  90. BR NIPPLE 1 X 3"  90. BR NIPPLE 1 X 3"  91. BR NIPPLE 1 X 3"  92. BR NIPPLE 1 X 3"  93. BR NIPPLE 1 X 4"  95. BR NIPPLE 1 X 4"  96. BR NIPPLE 1 X 5"  97. BR NIPPLE 1 X 5"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  80. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  80. BR NIPPLE 1 X CLOSE  80. BR NIPPLE 1 X CLOSE  80. BR NIPPLE 1 X CLOSE  80. BR NIPPLE 1 X 6"  80. BR NIPPLE 1 X CLOSE  80. BR NIPPLE 1 X 6"  80. BR NIPPLE 2 X 6"  80. BR NIPPLE 1 X	87.	BR NIPPLE 3/4 X 2"	MC88-32		20	
90. BR NIPPLE 3/4 X 4" MC88-34 30 91. BR NIPPLE 3/4 X 5" MC88-35 25 92. BR NIPPLE 3/4 X 6" MC88-36 25 93. BR NIPPLE 1 X CLOSE MC88-36 25 94. BR NIPPLE 1 X 2" MC88-42 20 95. BR NIPPLE 1 X 2" MC88-42 30 96. BR NIPPLE 1 X 3" MC88-43 30 97. BR NIPPLE 1 X 4" MC88-44 50 98. BR NIPPLE 1 X 5" MC88-45 50 99. BR NIPPLE 1 X 6" MC88-46 50 99. BR NIPPLE 1 X 6" MC88-46 50 101. BR NIPPLE 1 1/2 X 5" MC88-64 10 102. BR NIPPLE 1-1/2 X 3" MC88-64 10 103. BR NIPPLE 1-1/2 X 5" MC88-65 10 104. BR NIPPLE 1 1/2 X 6" MC88-65 10 105. BR NIPPLE 2 X 3" MC88-65 10 106. BR NIPPLE 2 X 3" MC88-65 10 107. BR NIPPLE 2 X 6" MC88-66 10 108. BR NIPPLE 2 X 6" MC88-67 10 109. BR NIPPLE 2 X 6" MC88-67 10 100. BR NIPPLE 2 X 6" MC88-67 10 101. BR NIPPLE 2 X 6" MC88-67 10 102. BR NIPPLE 2 X 6" MC88-67 10 103. BR NIPPLE 2 X 6" MC88-67 10 104. BR NIPPLE 2 X 6" MC88-67 10 105. BR NIPPLE 2 X 6" MC88-67 10 106. BR NIPPLE 2 X 6" MC88-67 10 107. BR NIPPLE 2 X 6" MC88-78 10 108. BR NIPPLE 2 X 6" MC88-78 10 109. BR NIPPLE 2 X 6" MC88-79 10 110. BR NIPPLE 2 X 6" MC88-79 10 111. BR NIPPLE 2 X 6" MC88-79 10 112. BR NIPPLE 1-1/4 X 1" MC88-79 10 113. BR NIPPLE 1-1/4 X 2" MC88-79 10 114. BR NIPPLE 1-1/4 X 2" MC88-79 10 115. BR NIPPLE 1-1/4 X 1" MC88-79 10 116. BR NIPPLE 1-1/4 X 2" MC88-79 10 117. BR NIPPLE 1-1/4 X 2" MC88-79 10 118. BR NIPPLE 1-1/4 X 2" MC88-79 10 119. BR NIPPLE 1-1/4 X 2" MC88-79 10 110. BR NIPPLE 1-1/4 X 1" MC88-59 10 111. BR NIPPLE 1-1/4 X 1" MC88-59 10 112. BR NIPPLE 1-1/4 X 1" MC88-59 10 113. BR NIPPLE 1-1/4 X 4" MC88-59 10 114. BR NIPPLE 1-1/4 X 4" MC88-59 10 115. BR NIPPLE 1-1/4 X 6" MC88-59 10 116. BR NIPPLE 1-1/4 X 6" MC88-59 10 117. BR NIPPLE 1-1/4 X 6" MC88-59 10 118. BR NIPPLE 1-1/4 X 6" MC88-59 10 119. BR NIPPLE	90. BR NIPPLE 3/4 X 4"   MC88-34   30     91. BR NIPPLE 3/4 X 5"   MC88-35   25     92. BR NIPPLE 3/4 X 6"   MC88-36   25     93. BR NIPPLE 1 X CLOSE   MC88-41   10     94. BR NIPPLE 1 X 2"   MC88-42   20     95. BR NIPPLE 1 X 2-12"   MC88-42   40     96. BR NIPPLE 1 X 3"   MC88-43   30     97. BR NIPPLE 1 X 3"   MC88-44   50     98. BR NIPPLE 1 X 4"   MC88-45   50     99. BR NIPPLE 1 X 6"   MC88-46   50     99. BR NIPPLE 1 X 6"   MC88-46   50     99. BR NIPPLE 1-1/2 X CLOSE   MC88-61   20     101. BR NIPPLE 1-1/2 X 3"   MC88-63   20     102. BR NIPPLE 1-1/2 X 5"   MC88-64   10     103. BR NIPPLE 1-1/2 X 5"   MC88-66   20     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     105. BR NIPPLE 2 X 6"   MC88-73   10     106. BR NIPPLE 2 X 3"   MC88-73   10     107. BR NIPPLE 2 X 4"   MC88-74   10     108. BR NIPPLE 2 X 8"   MC88-76   10     110. BR NIPPLE 2 X 8"   MC88-76   10     111. BR NIPPLE 2 X 8"   MC88-76   10     112. BR NIPPLE 2 X 8"   MC88-76   10     113. BR NIPPLE 2 X 8"   MC88-76   10     114. BR NIPPLE 1-1/4 X 2"   MC88-76   10     115. BR NIPPLE 1-1/4 X 4"   MC88-76   10     116. BR NIPPLE 1-1/4 X 6"   MC88-76   10     117. BR NIPPLE 1-1/4 X 6"   MC88-76   10     118. BR NIPPLE 1-1/4 X 7"   MC88-76   10     119. BR NIPPLE 1-1/4 X 6"   MC88-76   10     110. BR NIPPLE 1-1/4 X 6"   MC88-76   10     111. BR NIPPLE 1-1/4 X 6"   MC88-76   10     112. BR NIPPLE 1-1/4 X 6"   MC88-76   10     113. BR NIPPLE 1-1/4 X 6"   MC88-76   10     114. BR NIPPLE 1-1/4 X 6"   MC88-76   10     115. BR NIPPLE 1-1/4 X 6"   MC88-76   10     116. BR NIPPLE 1-1/4 X 6"   MC88-76   10     117. MCBC, AS 8"   MC88-76   10     118. BR NIPPLE 1-1/4 X 6"   MC88-76   10     119. BR NIPPLE 1-1/4 X 6"   MC88-76   10     110. BR NIPPLE 1-1/4 X 6"   MC88-76   10     111. BR NIPPLE 1-1/4 X 6"   MC88-76   10     112. BR NIPPLE 1-1/4 X 6"   MC88-76   10     113. BR NIPPLE 1-1/4 X 6"   MC88-76   10     114. BR NIPPLE 1-1/4 X 6"   MC88-76   10     115. BR NIPPLE 1-1/4 X 6"   MC88-76   10     116. BR NIPPLE 1-1/4 X 6"   MC88-76   10     117. MCBCCC	88.	BR NIPPLE 3/4 X 2-1/2"	MC88-32.5		20	
90. BR NIPPLE 3/4 X 4"	90. BR NIPPLE 3/4 X 5"   MC88-35   25     92. BR NIPPLE 3/4 X 6"   MC88-36   25     8RASS NIPPLE 1"	89.	BR NIPPLE 3/4 X 3	MC88-33		20	
92. BR NIPPLE 3/4 X 6"  BRASS NIPPLES 1"  93. BR NIPPLE 1 X 2"  94. BR NIPPLE 1 X 2"  95. BR NIPPLE 1 X 2"  96. BR NIPPLE 1 X 3"  97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 6"  99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1 1/2 X CLOSE  101. BR NIPPLE 1-1/2 X CLOSE  102. BR NIPPLE 1-1/2 X 3"  103. BR NIPPLE 1-1/2 X 4"  104. BR NIPPLE 1-1/2 X 5"  105. BR NIPPLE 1-1/2 X 5"  106. BR NIPPLE 1 1/2 X 6"  107. BR NIPPLE 1 N 6"  108. BR NIPPLE 1 N 6"  109. BR NIPPLE 1 N 6"  100. BR NIPPLE 1 N 6"  101. BR NIPPLE 1 N 6"  102. BR NIPPLE 1 N 6"  103. BR NIPPLE 1 N 6"  104. BR NIPPLE 1 N 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 4"  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 2 X 4"  109. BR NIPPLE 2 X 4"  101. BR NIPPLE 2 X 6"  101. BR NIPPLE 2 X 6"  102. BR NIPPLE 2 X 6"  103. BR NIPPLE 3 X 4"  104. BR NIPPLE 1 N 6 N 6 N 6 N 6 N 6 N 6 N 6 N 6 N 6 N	92. BR NIPPLE 3/4 X 6"  BRASS NIPPLES 1"  93. BR NIPPLE 1 X 2 CLOSE  94. BR NIPPLE 1 X 2 MC88-42  95. BR NIPPLE 1 X 2 MC88-42  96. BR NIPPLE 1 X 3"  97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 6"  100. BR NIPPLE 1 X 6"  101. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 4"  103. BR NIPPLE 1-1/2 X 4"  104. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 1 N 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 3"  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 3 X 6"  106. BR NIPPLE 2 X 5"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  110. BR NIPPLE 2 X 6"  110. BR NIPPLE 2 X 6"  111. BR NIPPLE 2 X 6"  I10. BR NIPPLE 1 X 6"  I10. BR NIPPLE 1 X 6"  I10. BR NIPPLE 1 X 6"  I11. BR NIPPLE 1 X 6"  I11. BR NIPPLE 1 X 6"  I12. BR NIPPLE 1 1-1/4 X 6"  I13. BR NIPPLE 1 1-1/4 X 6"  I14. BR NIPPLE 1 1-1/4 X 6"  I15. BR NIPPLE 1 1-1/4 X 6"  MC88-54  I10. MC88-55  I10.  III. BR NIPPLE 1 1-1/4 X 6"  MC88-55  I10.  METER UNION (meter tailpieces, threaded, including gaskets)  I17. METER UNION 578"  200	90.		MC88-34		30	
92. BR NIPPLE 3/4 X 6"  BRASS NIPPLES 1"  93. BR NIPPLE 1 X 2"  94. BR NIPPLE 1 X 2"  95. BR NIPPLE 1 X 2"  96. BR NIPPLE 1 X 3"  97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1 X 6"  101. BR NIPPLE 1 1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 5"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 1-1/2 X 5"  105. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 1-1/2 X 6"  BRASS NIPPLE 1 1/2 X 6"  BRASS NIPPLE 1-1/2 X 6"  BRASS NIPPLE 1-1/2 X 6"  MC88-64  10  107. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 2 X 4"  108. BR NIPPLE 2 X 4"  109. BR NIPPLE 2 X 5"  101. BR NIPPLE 2 X 6"  BRASS NIPPLE 3 X 4"  101. BR NIPPLE 2 X 6"  BRASS NIPPLE 1 N 6 MC88-65  101. BR NIPPLE 1 N 6 MC88-66  102. BRASS NIPPLE 1 N 6 MC88-66  104. BR NIPPLE 1 N 6 MC88-66  105. BR NIPPLE 2 X 6"  BRASS NIPPLE 3 X 4"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 1 X 6"  MC88-75  100. BR NIPPLE 2 X 6"  MC88-75  100. BR NIPPLE 1 X 6"  MC88-76  100. BR NIPPLE 1 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"  MC88-75  100. BR NIPPLE 1 N 7 X 6"	92. BR NIPPLE 3/4 X 6"  BRASS NIPPLES 1"  93. BR NIPPLE 1 X 2"  94. BR NIPPLE 1 X 2"  95. BR NIPPLE 1 X 2"  96. BR NIPPLE 1 X 3"  97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 6"  100. BR NIPPLE 1 X 6"  101. BR NIPPLE 1 1/2 X CLOSE  102. BR NIPPLE 1 1/2 X 4"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1 1/2 X 6"  105. BR NIPPLE 1 1/2 X 6"  106. BR NIPPLE 1 1/2 X 6"  107. BR NIPPLE 1 1/2 X 6"  108. BR NIPPLE 1 1/2 X 6"  109. BR NIPPLE 1 1/2 X 6"  100. BR NIPPLE 1 1/2 X 6"  101. BR NIPPLE 1 1/2 X 6"  102. BR NIPPLE 1 1/2 X 6"  103. BR NIPPLE 1 1/2 X 6"  104. BR NIPPLE 2 X CLOSE  105. BR NIPPLE 2 X CLOSE  106. BR NIPPLE 2 X 4"  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  101. BR NIPPLE 2 X 6"  102. BR NIPPLE 2 X 6"  103. BR NIPPLE 2 X 6"  104. BR NIPPLE 1 1/2 X 6"  105. BR NIPPLE 1 1/2 X 6"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  110. BR NIPPLE 2 X 6"  1110. BR NIPPLE 2 X 6"  1120. BR NIPPLE 2 X 6"  1131. BR NIPPLE 1 X 6"  1141. BR NIPPLE 1 1/4 X 6"  MC88-54  100  MC88-55  100  MC88-51  110  Ind  Ind  Ind  Ind  Ind  Ind  Ind  In			MC88-35			
BRASS NIPPLE 1 X CLOSE	BRASS NIPPLE 1 X CLOSE			MC88-36			
94. BR NIPPLE 1 X 2"   MC88-42   20     95. BR NIPPLE 1 X 2-1/2"   MC88-42.5   40     96. BR NIPPLE 1 X 4"   MC88-43   30     97. BR NIPPLE 1 X 5"   MC88-44   50     98. BR NIPPLE 1 X 6"   MC88-45   50     99. BR NIPPLE 1 X 6"   MC88-46   50     99. BR NIPPLE 1-1/2 X CLOSE   MC88-46   50     100. BR NIPPLE 1-1/2 X 3"   MC88-63   20     101. BR NIPPLE 1-1/2 X 3"   MC88-63   20     102. BR NIPPLE 1-1/2 X 5"   MC88-65   10     103. BR NIPPLE 1-1/2 X 6"   MC88-65   10     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"   MC88-66   20     105. BR NIPPLE 2 X CLOSE   MC88-71   10     106. BR NIPPLE 2 X 5"   MC88-73   10     107. BR NIPPLE 2 X 5"   MC88-73   10     108. BR NIPPLE 2 X 5"   MC88-75   10     109. BR NIPPLE 2 X 6"   MC88-75   10     110. BR NIPPLE 2 X 6"   MC88-76   10     111. BR NIPPLE 2 X 8"   MC88-78   10     112. BR NIPPLE 1-1/4 X 2"   MC88-52   10     113. BR NIPPLE 1-1/4 X 2"   MC88-53   10     114. BR NIPPLE 1-1/4 X 2"   MC88-53   10     115. BR NIPPLE 1-1/4 X 2"   MC88-55   10     116. BR NIPPLE 1-1/4 X 5"   MC88-55   10     METER UNION (meter tailpieces,   MC88-56   10     115. BR NIPPLE 1-1/4 X 6"   MC88-56   10     116. BR NIPPLE 1-1/4 X 6"   MC88-56   10     117. MC88-56   MC88-56   10     118. MC88-56   MC88-56   10     119. MC88-56   MC88-56   10     110. MC88-56   MC88-56   10     111. MC88-56   MC88-56   10     112. BR NIPPLE 1-1/4 X 6"   MC88-56   10     113. MC88-56   MC88-56   10     114. MC88-56   MC88-56   10     115. MC88-56   MC88-56   10     116. MC88-56   MC88-56   10     117. MC88-50   MC88-56   10     118. MC88-51   MC88-56   MC88-56   10     119. MC88-52   MC88-56   MC88-56   MC88-56   MC88-56   MC88-56   MC88-56   MC8	94. BR NIPPLE I X 2" MC88-42 20  95. BR NIPPLE I X 3" MC88-45 40  96. BR NIPPLE I X 4" MC88-44 50  97. BR NIPPLE I X 4" MC88-45 50  98. BR NIPPLE I X 5" MC88-45 50  99. BR NIPPLE I X 6" MC88-46 50  BRASS NIPPLES 1-1/2"  100. BR NIPPLE I-1/2 X CLOSE MC88-61 20  101. BR NIPPLE I-1/2 X 3" MC88-64 10  102. BR NIPPLE I-1/2 X 5" MC88-65 10  104. BR NIPPLE I-1/2 X 6" MC88-66 20  BRASS NIPPLE I-1/2 X 6" MC88-66 20  105. BR NIPPLE I-1/2 X 6" MC88-66 20  106. BR NIPPLE 2 X CLOSE MC88-73 10  107. BR NIPPLE 2 X 5" MC88-73 10  108. BR NIPPLE 2 X 5" MC88-73 10  109. BR NIPPLE 2 X 5" MC88-75 10  101. BR NIPPLE 2 X 6" MC88-76 10  102. BR NIPPLE 2 X 6" MC88-76 10  103. BR NIPPLE 2 X 6" MC88-76 10  104. BR NIPPLE 2 X 6" MC88-76 10  110. BR NIPPLE 2 X 6" MC88-76 10  110. BR NIPPLE 1-1/4 X 1" MC88-76 10  111. BR NIPPLE 1-1/4 X 2" MC88-76 10  112. BR NIPPLE 1-1/4 X 2" MC88-76 10  113. BR NIPPLE 1-1/4 X 2" MC88-75 10  114. BR NIPPLE 1-1/4 X 2" MC88-75 10  115. BR NIPPLE 1-1/4 X 4" MC88-75 10  116. BR NIPPLE 1-1/4 X 3" MC88-75 10  117. MC88-78 10  118. BR NIPPLE 1-1/4 X 3" MC88-75 10  119. BR NIPPLE 1-1/4 X 3" MC88-75 10  110. BR NIPPLE 1-1/4 X 3" MC88-75 10  111. BR NIPPLE 1-1/4 X 4" MC88-75 10  112. BR NIPPLE 1-1/4 X 3" MC88-75 10  113. BR NIPPLE 1-1/4 X 4" MC88-75 10  114. BR NIPPLE 1-1/4 X 4" MC88-75 10  115. BR NIPPLE 1-1/4 X 6" MC88-75 10  116. BR NIPPLE 1-1/4 X 6" MC88-75 10  117. MC88-78 10  MC88-79 10						
94. BR NIPPLE 1 X 2"   MC88-42   20     95. BR NIPPLE 1 X 2-1/2"   MC88-42.5   40     96. BR NIPPLE 1 X 4"   MC88-43   30     97. BR NIPPLE 1 X 5"   MC88-44   50     98. BR NIPPLE 1 X 6"   MC88-45   50     99. BR NIPPLE 1 X 6"   MC88-46   50     99. BR NIPPLE 1-1/2 X CLOSE   MC88-46   50     100. BR NIPPLE 1-1/2 X 3"   MC88-63   20     101. BR NIPPLE 1-1/2 X 3"   MC88-63   20     102. BR NIPPLE 1-1/2 X 5"   MC88-65   10     103. BR NIPPLE 1-1/2 X 6"   MC88-65   10     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"   MC88-66   20     105. BR NIPPLE 2 X CLOSE   MC88-71   10     106. BR NIPPLE 2 X 5"   MC88-73   10     107. BR NIPPLE 2 X 5"   MC88-73   10     108. BR NIPPLE 2 X 5"   MC88-75   10     109. BR NIPPLE 2 X 6"   MC88-75   10     110. BR NIPPLE 2 X 6"   MC88-76   10     111. BR NIPPLE 2 X 8"   MC88-78   10     112. BR NIPPLE 1-1/4 X 2"   MC88-52   10     113. BR NIPPLE 1-1/4 X 2"   MC88-53   10     114. BR NIPPLE 1-1/4 X 2"   MC88-53   10     115. BR NIPPLE 1-1/4 X 2"   MC88-55   10     116. BR NIPPLE 1-1/4 X 5"   MC88-55   10     METER UNION (meter tailpieces,   MC88-56   10     115. BR NIPPLE 1-1/4 X 6"   MC88-56   10     116. BR NIPPLE 1-1/4 X 6"   MC88-56   10     117. MC88-56   MC88-56   10     118. MC88-56   MC88-56   10     119. MC88-56   MC88-56   10     110. MC88-56   MC88-56   10     111. MC88-56   MC88-56   10     112. BR NIPPLE 1-1/4 X 6"   MC88-56   10     113. MC88-56   MC88-56   10     114. MC88-56   MC88-56   10     115. MC88-56   MC88-56   10     116. MC88-56   MC88-56   10     117. MC88-50   MC88-56   10     118. MC88-51   MC88-56   MC88-56   10     119. MC88-52   MC88-56   MC88-56   MC88-56   MC88-56   MC88-56   MC88-56   MC8	94. BR NIPPLE I X 2" MC88-42 20  95. BR NIPPLE I X 3" MC88-45 40  96. BR NIPPLE I X 4" MC88-44 50  97. BR NIPPLE I X 4" MC88-45 50  98. BR NIPPLE I X 5" MC88-45 50  99. BR NIPPLE I X 6" MC88-46 50  BRASS NIPPLES 1-1/2"  100. BR NIPPLE I-1/2 X CLOSE MC88-61 20  101. BR NIPPLE I-1/2 X 3" MC88-64 10  102. BR NIPPLE I-1/2 X 5" MC88-65 10  104. BR NIPPLE I-1/2 X 6" MC88-66 20  BRASS NIPPLE I-1/2 X 6" MC88-66 20  105. BR NIPPLE I-1/2 X 6" MC88-66 20  106. BR NIPPLE 2 X CLOSE MC88-73 10  107. BR NIPPLE 2 X 5" MC88-73 10  108. BR NIPPLE 2 X 5" MC88-73 10  109. BR NIPPLE 2 X 5" MC88-75 10  101. BR NIPPLE 2 X 6" MC88-76 10  102. BR NIPPLE 2 X 6" MC88-76 10  103. BR NIPPLE 2 X 6" MC88-76 10  104. BR NIPPLE 2 X 6" MC88-76 10  110. BR NIPPLE 2 X 6" MC88-76 10  110. BR NIPPLE 1-1/4 X 1" MC88-76 10  111. BR NIPPLE 1-1/4 X 2" MC88-76 10  112. BR NIPPLE 1-1/4 X 2" MC88-76 10  113. BR NIPPLE 1-1/4 X 2" MC88-75 10  114. BR NIPPLE 1-1/4 X 2" MC88-75 10  115. BR NIPPLE 1-1/4 X 4" MC88-75 10  116. BR NIPPLE 1-1/4 X 3" MC88-75 10  117. MC88-78 10  118. BR NIPPLE 1-1/4 X 3" MC88-75 10  119. BR NIPPLE 1-1/4 X 3" MC88-75 10  110. BR NIPPLE 1-1/4 X 3" MC88-75 10  111. BR NIPPLE 1-1/4 X 4" MC88-75 10  112. BR NIPPLE 1-1/4 X 3" MC88-75 10  113. BR NIPPLE 1-1/4 X 4" MC88-75 10  114. BR NIPPLE 1-1/4 X 4" MC88-75 10  115. BR NIPPLE 1-1/4 X 6" MC88-75 10  116. BR NIPPLE 1-1/4 X 6" MC88-75 10  117. MC88-78 10  MC88-79 10			MC00 41			
95. BR NIPPLE 1 X 2-1/2"	95. BR NIPPLE 1 X 2-1/2"					1	
96. BR NIPPLE 1 X 3"	96. BR NIPPLE 1 X 3" 97. BR NIPPLE 1 X 4" 98. BR NIPPLE 1 X 6" 99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1 1/2 X CLOSE 101. BR NIPPLE 1-1/2 X 4" 102. BR NIPPLE 1-1/2 X 5" 103. BR NIPPLE 1-1/2 X 5" 104. BR NIPPLE 1-1/2 X 6"  105. BR NIPPLE 1-1/2 X 6"  106. BR NIPPLE 2 X 4" 107. BR NIPPLE 2 X 4" 108. BR NIPPLE 2 X 4" 109. BR NIPPLE 2 X 4" 100. BR NIPPLE 2 X 4" 100. BR NIPPLE 1-1/2 X 6" 101. BR NIPPLE 1-1/2 X 6" 102. BRASS NIPPLE 1-1/2 X 6" 103. BR NIPPLE 1-1/2 X 6" 104. BR NIPPLE 1-1/2 X 6" 105. BR NIPPLE 2 X 6" 106. BR NIPPLE 2 X 6" 107. BR NIPPLE 2 X 8" 108. BR NIPPLE 2 X 8" 109. MC88-74 100. BR NIPPLE 2 X 6" 119. BR NIPPLE 2 X 6" 110. BR NIPPLE 2 X 6" 110. BR NIPPLE 2 X 6" 1110. BR NIPPLE 2 X 6" 1111. BR NIPPLE 2 X 6" 112. BR NIPPLE 1-1/4 X CLOSE 113. BR NIPPLE 1-1/4 X CLOSE 114. BR NIPPLE 1-1/4 X 2" 115. BR NIPPLE 1-1/4 X 3" 116. BR NIPPLE 1-1/4 X 4" 117. BR NIPPLE 1-1/4 X 5" 118. BR NIPPLE 1-1/4 X 5" 119. BR NIPPLE 1-1/4 X 5" 110. BR NIPPLE 1-1/4 X 5" 1110. BR NIPPLE 1-1/4 X 5" 1111. BR NIPPLE 1-1/4 X 5" 1112. BR NIPPLE 1-1/4 X 5" 1113. BR NIPPLE 1-1/4 X 5" 1144. BR NIPPLE 1-1/4 X 5" 1155. BR NIPPLE 1-1/4 X 5" 1166. BR NIPPLE 1-1/4 X 5" 1176. MC88-55 100 1177. METER UNION (meter tailpieces, threaded, including gaskets) 1177. METER UNION 5/8" 1178. MC8FER UNION 5/8" 1179. MC8FER UNION 5/8" 1170. MC8FER UNION 5/8"					_	
97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 5"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1-1/2 X 5"  105. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 2 X CLOSE  106. BR NIPPLE 1-1/2 X 6"  107. BR NIPPLE 2 X 5"  108. BR NIPPLE 2 X 5"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 1-1/2 X 6"  101. BR NIPPLE 1-1/2 X 6"  102. BR NIPPLE 1-1/2 X 6"  103. BR NIPPLE 1-1/2 X 6"  104. BR NIPPLE 1-1/2 X 6"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  110. BR NIPPLE 2 X 6"  1110. BR NIPPLE 1-1/4 X 6"  112. BR NIPPLE 1-1/4 X CLOSE  113. BR NIPPLE 1-1/4 X 2"  114. BR NIPPLE 1-1/4 X 3"  115. BR NIPPLE 1-1/4 X 5"  116. BR NIPPLE 1-1/4 X 5"  117. MC88-56  100  MC88-56  100  MC88-55  100  MC88-55  100  MC88-55  100  MC88-55  100  MC88-55  100  MC88-56	97. BR NIPPLE 1 X 4"  98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 5"  100. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 5"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1-1/2 X 5"  105. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 2 X 6"  106. BR NIPPLE 2 X CLOSE  MC88-65  10 MC88-66  20 BRASS NIPPLE 1-1/2 X 5"  105. BR NIPPLE 2 X CLOSE  MC88-71  106. BR NIPPLE 2 X 1"  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 2 X 4"  109. BR NIPPLE 2 X 6"  1010. BR NIPPLE 2 X 6"  1011. BR NIPPLE 1-1/4 X 6"  1012. BR NIPPLE 1-1/4 X CLOSE  1013. BR NIPPLE 1-1/4 X 2"  1014. BR NIPPLE 1-1/4 X 4"  1015. BR NIPPLE 1-1/4 X 4"  106. BR NIPPLE 1-1/4 X 4"  107. BR NIPPLE 1-1/4 X 6"  108. BR NIPPLE 1-1/4 X 6"  109. BRASS NIPPLE 1-1/4 X 6"  110. BR NIPPLE 1-1/4 X 6"  111. BR NIPPLE 1-1/4 X 6"  112. BR NIPPLE 1-1/4 X 6"  113. BR NIPPLE 1-1/4 X 6"  114. BR NIPPLE 1-1/4 X 6"  115. BR NIPPLE 1-1/4 X 6"  MC88-55  100  METER UNION (meter tailpieces, threaded, including gaskets)  117. METER UNION 5/8"  118. MC88-56  119. MC8E-78  110. MC8E-78  111. MC8E-78  110. MC88-56  1110. MC88-56  1111. MC8E-78  1111. MC8E-78  1112. MC88-56  1113. MC88-56  1144. BR NIPPLE 1-1/4 X 6"  MC88-56  115. BR NIPPLE 1-1/4 X 6"  MC88-56  116. MC88-56  117. MC8E-78  118. MC8E-78  119. MC88-56  110. MC88-56  110. MC8E-78  110. MC8E-78  1111. MC8E-78  1112. MC8E-78  1113. MC8E-78  1144. MC8E-78  1155. MC8E-78  1156. MC8E-78  1166. MC8E-78  1176. MC8E-78  1177. MC8E-78  1178. MC8E-78  1188-78  1190. MC88-78  1190. MC8E-78  1190. MC88-79  1190. MC88-79  1190. MC88-79  1190. MC88-79  1190. MC88-79  1190. MC88-79						
98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 4"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1-1/2 X 5"  105. BR NIPPLE 1-1/2 X 6"  106. BR NIPPLE 2 X CLOSE  107. BR NIPPLE 2 X CLOSE  108. BR NIPPLE 2 X CLOSE  109. BR NIPPLE 1-1/2 X 6"  100. BR NIPPLE 1-1/2 X 6"  100. BR NIPPLE 1-1/2 X 6"  101. BR NIPPLE 1-1/2 X 6"  102. BR NIPPLE 1-1/2 X 6"  103. BR NIPPLE 1-1/2 X 6"  104. BR NIPPLE 1-1/2 X 6"  105. BR NIPPLE 2 X CLOSE  106. BR NIPPLE 2 X CLOSE  107. BR NIPPLE 2 X 3"  108. BR NIPPLE 2 X 6"  109. MC88-74  100  1010. BR NIPPLE 2 X 6"  100  1010. BR NIPPLE 2 X 6"  1010. BR NIPPLE 2 X 8"  1010. BR NIPPLE 2 X 8"  102. MC88-78  103. BR NIPPLE 1-1/4 X CLOSE  104. BR NIPPLE 1-1/4 X CLOSE  105. BR NIPPLE 1-1/4 X 1"  116. BR NIPPLE 1-1/4 X 4"  117. BR NIPPLE 1-1/4 X 5"  118. BR NIPPLE 1-1/4 X 5"  119. BR NIPPLE 1-1/4 X 5"  110. MC88-55  100  METER UNION (meter tailpieces,	98. BR NIPPLE 1 X 5"  99. BR NIPPLE 1 X 6"  100. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  102. BR NIPPLE 1-1/2 X 4"  103. BR NIPPLE 1-1/2 X 5"  104. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLE 2"  105. BR NIPPLE 2 X CLOSE  106. BR NIPPLE 2 X CLOSE  107. BR NIPPLE 2 X 4"  108. BR NIPPLE 2 X 6"  109. BR NIPPLE 2 X 6"  100. BR NIPPLE 2 X 6"  101. BR NIPPLE 3 X 5"  102. BR NIPPLE 3 X 5"  103. BR NIPPLE 3 X 5"  104. BR NIPPLE 3 X 5"  105. BR NIPPLE 2 X 6"  106. BR NIPPLE 2 X 6"  107. BR NIPPLE 2 X 6"  108. BR NIPPLE 2 X 5"  109. BR NIPPLE 2 X 6"  110. BR NIPPLE 2 X 6"  1110. BR NIPPLE 2 X 6"  1111. BR NIPPLE 2 X 8"  112. BR NIPPLE 1-1/4 X CLOSE  113. BR NIPPLE 1-1/4 X 2"  114. BR NIPPLE 1-1/4 X 3"  115. BR NIPPLE 1-1/4 X 3"  116. BR NIPPLE 1-1/4 X 4"  117. BR NIPPLE 1-1/4 X 6"  MCS8-55  100  METER UNION (neter tailpieces, threaded, including gaskets)  117. METER UNION 5/8"  200						
99. BR NIPPLE 1 X 6"	99. BR NIPPLE 1 X 6"  BRASS NIPPLES 1-1/2"  100. BR NIPPLE 1-1/2 X CLOSE  101. BR NIPPLE 1-1/2 X 3"  MC88-63  102. BR NIPPLE 1-1/2 X 4"  MC88-64  103. BR NIPPLE 1-1/2 X 5"  MC88-65  104. BR NIPPLE 1-1/2 X 6"  BRASS NIPPLES 2"  105. BR NIPPLE 2 X CLOSE  MC88-71  106. BR NIPPLE 2 X CLOSE  MC88-73  107. BR NIPPLE 2 X 4"  MC88-74  108. BR NIPPLE 2 X 5"  MC88-75  109. BR NIPPLE 2 X 6"  MC88-76  110  110. BR NIPPLE 2 X 6"  MC88-76  110  110. BR NIPPLE 2 X 8"  MC88-78  MC88-78  100  Item  Description  Unit Price  Quantity  Total Cost  MC88-53  10  111. BR NIPPLE 1-1/4 X 2"  MC88-53  10  112. BR NIPPLE 1-1/4 X 2"  MC88-53  10  113. BR NIPPLE 1-1/4 X 2"  MC88-53  10  114. BR NIPPLE 1-1/4 X 4"  MC88-55  10  MC88-56  10  MC88-59  MC88-79  MC8						
BRASS NIPPLES 1-1/2"	BRASS NIPPLES 1-1/2"	<u> </u>					
100. BR NIPPLE 1-1/2 X CLOSE	100. BR NIPPLE 1-1/2 X CLOSE	99.		MC88-46		50	
101. BR NiPPLE 1-1/2 X 3"   MC88-63   20     102. BR NiPPLE 1-1/2 X 4"   MC88-64   10     103. BR NiPPLE 1-1/2 X 5"   MC88-65   10     104. BR NiPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"	101. BR NIPPLE 1-1/2 X 3"   MC88-63   20     102. BR NIPPLE 1-1/2 X 4"   MC88-64   10     103. BR NIPPLE 1-1/2 X 5"   MC88-65   10     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"   MC88-71   10     105. BR NIPPLE 2 X CLOSE   MC88-73   10     106. BR NIPPLE 2 X 3"   MC88-73   10     107. BR NIPPLE 2 X 4"   MC88-74   10     108. BR NIPPLE 2 X 5"   MC88-75   10     119. BR NIPPLE 2 X 6"   MC88-76   10     110. BR NIPPLE 2 X 8"   MC88-76   10     110. BR NIPPLE 2 X 8"   MC88-78   10     111. BR NIPPLE 2 X 8"   MC88-78   10     112. BR NIPPLE 1-1/4 X CLOSE   MC88-51   10     113. BR NIPPLE 1-1/4 X 2"   MC88-52   10     114. BR NIPPLE 1-1/4 X 3"   MC88-53   10     115. BR NIPPLE 1-1/4 X 4"   MC88-54   10     116. BR NIPPLE 1-1/4 X 6"   MC88-56   10     METER UNION (meter tailpieces, threaded, including gaskets)   METER UNION 5/8"   200		BRASS NIPPLES 1-1/2"				
102. BR NIPPLE 1-1/2 X 4"   MC88-64   10     103. BR NIPPLE 1-1/2 X 5"   MC88-65   10     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"	102. BR NIPPLE 1-1/2 X 4"   MC88-64   10     103. BR NIPPLE 1-1/2 X 5"   MC88-65   10     104. BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"	100.	BR NIPPLE 1-1/2 X CLOSE	MC88-61		20	
103 BR NIPPLE 1-1/2 X 5"   MC88-65   10     104 BR NIPPLE 1-1/2 X 6"   MC88-66   20     BRASS NIPPLES 2"	103	101.	BR NIPPLE 1-1/2 X 3"	MC88-63		20	
104. BR NIPPLE 1-1/2 X 6"   MC88-66   20	104. BR NIPPLE 1-1/2 X 6"   MC88-66   20	102.	BR NIPPLE 1-1/2 X 4"	MC88-64		10	
BRASS NIPPLES 2"	BRASS NIPPLES 2"   105. BR NIPPLE 2 X CLOSE   MC88-71   10   10   106. BR NIPPLE 2 X 3"   MC88-73   10   10   107. BR NIPPLE 2 X 4"   MC88-74   10   10   10   10   10   10   10   1	103.	BR NIPPLE 1-1/2 X 5"	MC88-65		10	
105. BR NIPPLE 2 X CLOSE	105. BR NIPPLE 2 X CLOSE	104.	BR NIPPLE 1-1/2 X 6"	MC88-66		20	
106. BR NIPPLE 2 X 3"   MC88-73   10	106   BR NIPPLE 2 X 3"   MC88-73   10		BRASS NIPPLES 2"				
106. BR NIPPLE 2 X 3"   MC88-73   10     107. BR NIPPLE 2 X 4"   MC88-74   10     108. BR NIPPLE 2 X 5"   MC88-75   10     119. BR NIPPLE 2 X 6"   MC88-76   10     110. BR NIPPLE 2 X 8"   MC88-78   10     110. BR NIPPLE 2 X 8"   MC88-78   10     111. BR NIPPLE 1-1/4 X CLOSE   MC88-51   10     112. BR NIPPLE 1-1/4 X 2"   MC88-52   10     113. BR NIPPLE 1-1/4 X 3"   MC88-53   10     114. BR NIPPLE 1-1/4 X 4"   MC88-54   10     115. BR NIPPLE 1-1/4 X 5"   MC88-55   10     116. BR NIPPLE 1-1/4 X 6"   MC88-56   10     METER UNION (meter tailpieces,	106. BR NIPPLE 2 X 3"   MC88-73   10     107. BR NIPPLE 2 X 4"   MC88-74   10     108. BR NIPPLE 2 X 5"   MC88-75   10     119. BR NIPPLE 2 X 6"   MC88-76   10     110. BR NIPPLE 2 X 8"   MC88-78   10     111. BR NIPPLE 3 X 8"   MC88-78   10     111. BR NIPPLE 1-1/4 X CLOSE   MC88-51   10     112. BR NIPPLE 1-1/4 X 2"   MC88-52   10     113. BR NIPPLE 1-1/4 X 3"   MC88-53   10     114. BR NIPPLE 1-1/4 X 4"   MC88-54   10     115. BR NIPPLE 1-1/4 X 5"   MC88-55   10     116. BR NIPPLE 1-1/4 X 6"   MC88-56   10     METER UNION (meter tailpieces, threaded, including gaskets)   117. METER UNION 5/8"   200	105.	BR NIPPLE 2 X CLOSE	MC88-71		10	
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BRASS NIPPLES 1-1/4"         111. BR NIPPLE 1-1/4 X CLOSE       MC88-51       10         112. BR NIPPLE 1-1/4 X 2"       MC88-52       10         113. BR NIPPLE 1-1/4 X 3"       MC88-53       10         114. BR NIPPLE 1-1/4 X 4"       MC88-54       10         115. BR NIPPLE 1-1/4 X 5"       MC88-55       10         116. BR NIPPLE 1-1/4 X 6"       MC88-56       10         METER UNION (meter tailpieces,       MC88-56       10	BRASS NIPPLES 1-1/4"			MC88-78			
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un eaueu, including gaskets)	117. METER UNION 5/8" 200						
	118 METER LINION 3/4" 200	117.				200	
118 METER UNION 3/4" 200	110. MILITAR UNION 5/4	118.	METER UNION 3/4"			200	

119.	METER UNION 1"		200	
120.	METER UNION 1-1/2"		60	
121.	METER UNION 2"		20	
	BRASS BUSHING			
		MG01 1 2 0		
122.	BR BUSHING 3/8 X 1/2'	MC81-1-3-8	25	
123.	BR BUSHING 3/4 X 1/2'	MC81-31	20	
124.	BR BUSHING 3/4 X 1"	MC81-43	25	
125.	BR BUSHING 1 X 5/8"	MC81-41	50	
126.	BR BUSHING 1-1/4 X 3/4"		35	
127.	BR BUSHING 1-1/4 X 1/2"		35	
128.	BR BUSHING 1-1/4 X 1"	MC81-54	35	
	BR BUSHING 1-1/2 X 5/8"		20	
130.	BR BUSHING 1-1/2 X 1"	MC81-64	35	
131.	BR BUSHING 1-1/2 X 1-1/4"	MC81-65	10	
132.	BR BUSHING 2 X 1-1/4"		10	
133.	BR BUSHING 2 X 1-1/2"	MC81-76	15	
134.	BR BUSHING 2-1/2 X 2"		5	

<b>a</b>	m . 1 ft	
Contract	Total 5	

Prices shall be: FOB destination. No substitutes for quantities allowed. This refers to the list of quantities listed on pages 7 through 10.

<b>COMPANY:</b>	

- **D.** The undersigned has completed and submits herewith the following documents:
  - Original bid and one COPY, 5 pages
  - ☐ Bidder's Qualifications and References Form, 2 pages
  - ☐ Certificate of Non-Collusion, 1 page
- E. The undersigned agrees that, if selected as contractor, s/he will within five days, Saturdays, Sundays and legal holidays excluded, after presentation thereof by the City of Newton, execute a contract in accordance with the terms of this bid. The undersigned hereby certifies that s/he is able to furnish labor that can work in harmony with all other elements of labor employed or to be employed on the work and that's/he will comply fully with all laws and regulations applicable to awards made subject to M.G.L. Chapter 30B.

The undersigned further certifies under the penalties of perjury that this bid has been made and submitted in good faith and without collusion or fraud with any other person. As used in this section the word "person" shall mean any natural person, business, partnership, corporation, union, committee, club or other organization, entity, or group of individuals. The undersigned further certifies under penalty of perjury that the said undersigned is not presently debarred from public contracting or subcontracting in the Commonwealth under the provisions of M.G.L. Chapter 29, Section 29F or any other applicable debarment provisions of any other chapter of the General Laws or any rule or regulation promulgated thereunder.

Date	
	(Name of Bidder)
	BY:
	(Printed Name and Title of Signatory)
	(Business Address)
	(City, State Zip)
	(Telephone & FAX)
	(E-mail address)

**NOTE:** If the bidder is a corporation, indicate state of incorporation under signature, and affix corporate seal; if a partnership, give full names and residential addresses of all partners; if an individual, give residential address if different from business address; and, if operating as a d/b/a give full legal identity. Attach additional pages as necessary.

END OF SECTION

# **CITY OF NEWTON**

# BIDDER'S QUALIFICATIONS AND REFERENCES FORM

All questions must be answered, and the data given must be clear and comprehensive. Please type or print legibly. If necessary, add additional sheet for starred items. This information will be utilized by the City of Newton for purposes of determining bidder responsiveness and responsibility with regard to the requirements and specifications of the Contract.

INCORPORATED?	YES	NO DATE AND ST	ATE OF INC	CORPORATION:	
S YOUR BUSINESS A					
LIST ALL CONTRACT	ΓS CURRENTLY				
HAVE YOU EVER FAII		ETE A CONTRACT	AWARDED	TO YOU?	
YES IF YES, WHERE AND V					
HAVE YOU EVER DEF IF YES, PROVIDE DET.		CONTRACT?	_ YES	NO	
LIST YOUR VEHICLES	S/EQUIPMENT A	VAILABLE FOR TH	IIS CONTRA	ACT:	
IN THE SPACES FOLLO					
BE LISTED. PUBLICLY					Orviran
PROJECT NAME:					

DOLLAR AMOUNT: \$			DATE COMPLETED:
PUBLICLY BID?	_YES _	NO	
TYPE OF WORK?:			
CONTACT PERSON: _			TELEPHONE #:)
CONTACT PERSON'S I	RELATION TO	PROJECT?: _	
			e., contract manager, purchasing agent, etc.)
			DATE COMPLETED:
PUBLICLY BID?			
TYPE OF WORK?:			
			TELEPHONE #: ()
CONTACT PERSON'S	RELATION TO	PROJECT?: _	
		(i.	e., contract manager, purchasing agent, etc.)
PROJECT NAME:			
DOLLAR AMOUNT: \$			DATE COMPLETED:
PUBLICLY BID?			
TYPE OF WORK?:			
			TELEPHONE #: ()
			e., contract manager, purchasing agent, etc.)
OWNER:			
CITY/STATE:			
			DATE COMPLETED:
PUBLICLY BID?	YES _	NO	
TYPE OF WORK?:			
			TELEPHONE #:()
			e., contract manager, purchasing agent, etc.)
	n, or corporation	to furnish any	ned herein is complete and accurate and hereby authorizes information requested by the City of Newton in verification of ons and experience.
DATE:	BIDDER:		
SIGNATURE:			
PRINTED NAME:			TITLE:

**END OF SECTION** 

10.

# **CERTIFICATE OF NON-COLLUSION**

submitted in good faith and without collusion or frau	hat this bid or proposal has been made and submitted in good faith and d with any other person. As used in this certification, the word "person" sloration, union, committee club, or other organization, entity, or group or	ıall
	(Signature of individual)	
	Name of Business	

# CITY OF NEWTON, MASSACHUSETTS PURCHASING DEPARTMENT GENERAL TERMS AND CONDITIONS

- 1. The right is reserved to reject any and all bids, to waive informalities, and to make award as may be determined to be in the best interest of the City of Newton.
- 2. Prices quoted must include delivery to the City, as specified on the Work Order.
- 3. No charges will be allowed for packing, crating, freight, Express or cartage unless specifically stated and included in the bid.
- 4. The award to the successful bidder may be canceled if successful bidder shall fail to prosecute the work with promptness and diligence.
- 5. Time in connection with discount offered will be computed from the date of delivery to the City, as specified on purchase order, or from date correct invoice is received by the City, if the latter date is later than the date of delivery.
- 6. The successful bidder shall replace, repair or make good, without cost to the City, any defects or faults arising within one (1) year after date of acceptance of articles furnished hereunder (acceptance not to be unreasonably delayed) resulting from imperfect or defective work done or materials furnished by the Sellor.
- 7. The Sellor shall indemnify and save harmless the City and all persons acting for on behalf of it from all suits and claims against them, or any of them, arising from or occasioned by the use of any material, equipment or apparatus, or any part thereof, which infringes or is alleged to infringe on any patent rights. In case such material, equipment or apparatus, or any part thereof, in any such suit is held to constitute infringement, the Seller, within a reasonable time, will at it's expense, and as the City may elect, replace such material, equipment or apparatus with non-infringing material, equipment or apparatus, or remove the material, equipment or apparatus, and refund the sums paid therefor.
- 8. The successful bidder shall comply with all applicable Federal State and Local laws and regulations.
- 9. Purchases made by the City are exempt from Federal excise taxes and bid prices must exclude any such taxes. Tax exemption certificates will be furnished upon request.
- 10. If so stated in the Invitation for Bid, the successful bidder will be required to furnish a performance and/or a labor and material payment bond, in an amount, in a form and with a surety satisfactory to the City. The bidder shall be responsible for the cost of the bond(s).
- 11. If the Invitation for Bids requires bid surety, this surety shall be in the form of a cash, bid bond, cashier's check, treasurer's check, or certified check on a responsible bank, payable to the City of Newton, and must be filed with the original bid in the Office of the Purchasing Agent. Failure to do so will lead to rejection of bid. The bid surety will be returned to the successful bidder within seven (7) days execution of award, and approval by the City of performance and/or payment bond(s). In case of default, the bid surety shall be forfeited to the City.
- 12. Verbal orders are not binding on the City and deliveries made or work done without formal Purchase Order or Contract are at the risk of the Sellor or Contractor and may result in an unenforceable claim.
- 13. The Sellor shall agree to indemnify, defend and hold the City harmless from any and all claims arising out of the performance of this contract.
- 14. "Equality An item equal to that named or described in the specifications of the contract may be furnished by the Vendor and the naming of any commercial name, trademark or other identification shall not be construed to exclude any item or manufacturer not mentioned by name or as limiting competition but shall establish a standard of equality only. An item shall be considered equal to the item so named or described if (1) it is at least equal in quality, durability, appearance, strength and design; (2) it will perform at least equally the function imposed by the general design for the work being contracted for or the material being purchased; and (3) it conforms substantially, even with deviations, to the detailed requirements for the item in the specifications. The name and identification of all materials other than the one specifically named shall be submitted to the City in writing for approval, prior to purchase, use or fabrication of such items. Subject to the provisions of M.G.L., Ch. 30, Sec. 39J, approval shall be at the sole discretion of the City, shall be in writing to be effective, and the decision of the City shall be final. The City may require tests of all materials so submitted to establish quality standards at the Vendor's expense. All directions, specifications and recommendations by manufacturers for installation, handling, storing, adjustment and

operation of their equipment shall be complied with; responsibility for proper performance shall continue to rest with the Vendor. For the use of material other than the one specified, the Vendor shall assume the cost of and responsibility for satisfactorily accomplishing all changes in the work as shown. If no manufacturer is named, the Vendor shall submit the product he intends to use for approval of the City. Except as otherwise provided for by the provisions of M.G.L., Ch. 30, Sec. 39J, the Vendor shall not have any right of appeal from the decision of the City condemning any materials furnished if the Vendor fails to obtain the approval for substitution under this clause. If any substitution is more costly, the Vendor shall pay for such costs. Notice is hereby given that the City of Newton Minority/Women Business Enterprise Plan dated December 1999 is applicable to all City of Newton contracts for materials supplies. A copy of this plan may be obtained from the Purchasing Department.

15. Notice is hereby given that the City of Newton Minority Business Enterprise Plan and the Supplemental Equal Employment Opportunity Anti-Discrimination and Affirmative Action is applicable to all City of Newton contracts in excess of \$50,000.00. A copy of these plans may be obtained from the Purchasing Department.

# 16. Right To Know:

Any vendor who receives an order or orders resulting from this invitation agrees to submit a Material Safety Data Sheet (MSDS) for each toxic or hazardous substance or mixture containing such substance, pursuant to M.G.L., Ch. 111F, SS8, 9 and 10 and the regulations contained in 441 CMR SS 21.06 when deliveries are made. The vendor agrees to deliver all containers properly labeled pursuant to M.G.L. Ch. 111F, SS 7 and the regulations contained in 441 CMR SS 21.05. Failure to submit an MSDS and/or label on each container will place the vendor in noncompliance with the purchase order. Failure to furnish MSDSs and/or labels on each container may result in civil or criminal penalties, including bid debarment and action to prevent the vendor from selling said substances or mixtures containing said substances within the Commonwealth. All vendors furnishing substances or mixtures subject to Chapter 111F of the M.G.L. are cautioned to obtain and read the law and rules and regulations referred to above. Copies can be obtained from the State House Book Store, Secretary of State, State House, Room 117, Boston, MA 02133, (617-727-2834) for \$2.00 plus \$.65 postage.

# 17. INSURANCE REQUIREMENTS

The Contractor shall provide insurance coverage as listed below. This insurance shall be provided at the Contractor's expense and shall be in full force and effect during the full term of this Contract.

# WORKER'S COMPENSATION

Worker's Compensation: Per M.G.L. c.. 149, s. 34 and c.. 152 as amended.

COMMERCIAL GENERAL LIABILITY

Personal Injury \$500,000 each occurrence - \$1,000,000 aggregate Property Damage \$500,000 each occurrence - \$1,000,000 aggregate

VEHICLE LIABILITY

Personal Injury \$500,000 each person - \$1,000,000 aggregate

Property Damage \$300,000

The City shall be named as additional insureds on the Contractor's Liability Policies.

The Contractor shall not commence the work until proof of compliance with this has been furnished to the City by submitting one copy of a properly endorsed insurance certificate issued by a company authorized to write insurance in the Commonwealth. This certificate shall indicate that the contractual liability coverage is in force.

The Contractor shall file the original and one certified copy of all policies with the City within ten (10) days after contract award. If the City is damaged by the Contractor's failure to maintain such insurance and to so notify the City, then the Contractor shall be responsible for all reasonable costs attributable thereto.

Cancellation of any insurance required by this contract, whether by the insurer or the insured, shall not be valid unless written notice thereof is given by the party proposing cancellation to the other party and City at least thirty days prior to the effective date thereof, which shall be expressed in said notice.

# FAILURE TO COMPLY WITH THESE TERMS AND CONDITIONS COULD RESULT IN THE CANCELLATION OF YOUR CONTRACT.

CONTRACT FORMS
The awarded bidder will be required to complete and submit the following documents in order to execute a contract pursuant to this bid.
The forms are provided for informational purposes only.
None of the following forms are required at the time of bid submittal.

# **CITY - CONTRACTOR AGREEMENT**

# **CONTRACT NO. C-**

NEWT	ON, a municipal corpo	isday ofin the year Two Thousand and Eleven by and between the CITY OF ration organized and existing under the laws of the Commonwealth of Massachusetts, hereinafter through its Chief Procurement Officer, but without personal liability to him, and		
hereina	after referred to as the C	CONTRACTOR.		
The pa	rties hereto for the cons	iderations hereinafter set forth agree as follows:		
I.		The Contractor agrees to furnish and to deliver to the City at such times, at such place or places, in such quantities as the City may direct, and at the unit prices quoted in the Contractor's bid the ns:  SUPPLY AND DELIVER BRASS FITTINGS AND VALVES		
II.		CONTRACT DOCUMENTS. The Contract Documents consist of the following documents which are either attached to his Agreement or are incorporated herein by reference:		
	a.	This CITY-CONTRACTOR Agreement;		
	b.	The City's Invitation For Bid #12-26 issued by the Purchasing Department;		
	c.	The Project Manual for Supply & Deliver Brass Fittings & Valves including Specifications, and if included or referenced therein, any Standard Terms and Conditions, Special Conditions, Wage Rate Requirements, Wage Rate Schedule(s);		
	d.	Addenda Number(s);		
	e.	The Bid Response of the CONTRACTOR submitted for this Project and accompanying documents and certifications;		
	f.	Certificate(s) of Insurance and surety bond(s), if any, submitted by the CONTRACTOR in connection with this Project;		
	g.	Duly authorized and executed Amendments, Change Orders or Work Orders issued by the CITY after execution of this CITY-CONTRACTOR Agreement		

This CITY-CONTRACTOR Agreement, together with the other documents enumerated in this Article, constitute the

PRIORITY OF DOCUMENTS. In the event of inconsistency between the terms of this CITY -CONTRACTOR

APPLICABLE STATUTES. All applicable federal, state and local laws and regulations are incorporated herein by

entire Agreement between the CITY and the CONTRACTOR.

Agreement and the Project Manual, the terms of this Agreement shall prevail.

III.

IV.

- V. CONTRACT TERM. for a period of 90 calendar days upon award. It is further understood that in the event the term of this contract extends beyond June 30 in any calendar year, the City reserves the right to terminate the contract if funding for its continuance is not appropriated in the succeeding fiscal year commencing July 1.
  - The quantities specified in the Project Manual are approximate and are based on previous consumption. It is specifically understood the City does not agree to purchase any specific quantity, and purchases will be made to cover actual requirements only. The City may increase or decrease the quantity of any item specified without change in price per unit of quantity as stated in the Contractor's Bid Response. The dollar value of the contract may, with bidder's consent, be increased, through a written Change Order, by an amount not to exceed twenty five percent (25%) of the contract total.
- VI. QUANTITIES. The quantities specified in the Project Manual are approximate and are based on previous consumption. It is specifically understood the City does not agree to purchase any specific quantity, and purchases will be made to cover actual requirements only. The City may increase or decrease the quantity of any item specified without change in price per unit of quantity as stated in the Contractor's Bid Response.
- **VII. MATERIALS.** The Contractor agrees, unless otherwise specified, that all equipment, materials and supplies furnished under this contract are to be first quality, new and unused.
- VIII. AUTHORIZATION OF AND PAYMENT FOR WORK PERFORMED. The execution of this contract does not constitute a notice to proceed or authorization to perform work or make deliveries. No work shall be commenced or deliveries made unless authorized by a written Work Order issued by the City specifying the equipment, materials or supplies to be delivered. The Contractor will be paid following completed delivery and acceptance of the equipment, materials or supplies ordered in accordance with the Contract. The City will use best efforts to pay within thirty (30) days of receipt of an invoice for the delivered equipment, materials or supplies or acceptance of same whichever date is later.
- IX. CLAIMS FOR MATERIALS OR LABOR. In the event any claims have been filed with the City for material or labor delivered or performed pursuant to this contract, the City shall be under no obligation to make any payment until such claims are adjusted to the satisfaction of the City. Any and all liens for supplies may be paid off by the City within twenty (20) days after the filing for record as provided by law of a notice of such liens, except where the claim on which the lien is filed is being litigated by the Contractor, and in such case the City may pay the amount of any final judgment or decree on any such claim. All money paid by the City in settlement of liens and claims as aforesaid, with the costs and expenses incurred by the City in connection therewith shall be charged to the Seller, bearing interest at the rate of six percent (6%) per annum, and be deducted from the next payment falling due the Seller under the terms of this contract.
- X. UNIT PRICES. It is agreed that the unit prices listed are maximum prices and that the City shall be entitled to take advantage of any decreasing market conditions, decreases to be governed by the manufacturers' price listing as might be generally adopted in the trade, or by the same percentage that the Seller may reduce prices to others who purchase in similar quantities and under similar conditions.
- XI. RESPONSIBILITY FOR THE WORK/INDEMNIFICATION. In the performance of any work, including the delivery of equipment, materials or supplies, pursuant to this Contract, the Contractor shall take all responsibility for the work, and shall take all precautions for preventing injuries to persons and property in or about the work and shall defend, indemnify and hold the City harmless from all loss, cost, damage or expense arising from injuries to persons or property in or about the work. The Contractor shall be responsible for any damage which may be caused by the failure or insufficiency of any temporary works. He shall effectively protect his work and shall be liable for all damage and loss by delay or otherwise caused by his neglect or failure so to do.
- **XII. WARRANTY.** Except as may be otherwise provided in the Project Manual, the Contractor shall replace, repair or make good, without cost to the City, any defects or faults arising within one (1) year after date of acceptance of equipment, materials or supplies furnished hereunder (acceptance not to be unreasonably delayed) resulting from imperfect or defective work done or materials furnished by the Contractor.
- XIII. PATENT INDEMNIFICATION. The Contractor agrees to assume the defense of and shall indemnify and save harmless the City and all persons acting for or on behalf of it from all suits and claims against them, or any of them, arising from or occasioned by the use of any material, equipment or apparatus, or any part thereof which infringes or is alleged to infringe on any patent rights. In case such material, equipment or apparatus, or any part thereof, in any such suit is held to constitute infringement, the Contractor, within a reasonable time, shall at its own expense, and as the City may elect, replace such material, equipment or apparatus with non-infringing material, equipment or apparatus, or remove the material, equipment, or apparatus and refund the sums paid therefor.

- **XIV. INSPECTION.** For the purposes of inspection of the equipment, materials and supplies covered by this contract, the Contractor shall give the City free access to his works and furnish every facility for properly inspecting such equipment, materials and supplies, and shall furnish full information, whenever requested, relating thereto. Approval by any inspector of the City shall not relieve the Contractor from his obligation to comply in all respects with the contract.
- **XV. ASSIGNMENT/SUB-CONTRACTING.** The Contractor agrees that he will not sell, assign or transfer this Contract or any part thereof or interest therein without the prior written consent of the City.
- **XVI. INSTALLATION.** If any of the equipment, materials and supplies covered by this contract is to be installed by either the Contractor or the City, the Contractor shall, upon request of the City, furnish a competent employee to supervise the installation without expense to the City, unless otherwise provided herein. Such supervisor, or other employees furnished by the Contractor, shall be the agents of the Contractor and not of the City, and the Contractor hereby agrees to indemnify the City and hold it harmless from and against any and all loss, costs, damage, and expense sustained as the result of negligence or other conduct on the part of such supervisor or employee.
- **XVII. TERMINATION.** The City of Newton may, by written notice of default to the Contractor, terminate the whole or any part of this Contract or any Work Order issued pursuant thereto in any one of the following circumstances:
  - a. If the Contractor fails to make delivery of the equipment, goods or supplies or to perform the services within the time specified herein or any extension thereof;
  - b. If the Contractor fails to perform any of the other provisions of this contract or, if in the opinion of the City, Contractor so fails to make progress as to endanger performance of this contract in accordance with its terms, and in either of these two circumstances does not correct such failure within thirty (30) days (or such longer period as the City may authorize in writing) after receipt of notice from the City specifying such failure.
- **XVIII. GOVERNING LAW.** This Contract shall be governed by and construed in accordance with the laws of the Commonwealth of Massachusetts.
- XIX. SEVERABILITY. The provisions of this Contract are severable. If any section, paragraph, clause or provision of this Contract shall be finally adjudicated by a court of competent jurisdiction to be invalid, the remainder of this Contract shall be unaffected by such adjudication and all of the remaining provisions of this Contract shall remain in full force and effect as though such section, paragraph, clause or provision, or any part thereof so adjudicated to be invalid, had not been included herein, unless such remaining provisions, standing alone, are incomplete and incapable of being executed in accordance with the intent of the parties to this Contract.
- **XX. AMENDMENTS TO THIS CONTRACT.** This Contract may not be amended except in writing executed in the same manner as this CITY-CONTRACTOR Agreement.

THIS SPACE INTENTIONALLY LEFT BLANK

IN WITNESS WHEREOF, the parties have caused this instrument to be executed under seal the day and year first above written.

CONTRACTOR	CITY OF NEWTON
By	By
Print Name	Chief Procurement Officer
Title	Date
Date	
Affix Corporate Seal Here	D.,
	Commissioner of Public Works
	Date
City funds are available in the amount of in account #:	
28A401Z3-5530	Approved as to Legal Form and Character
I further certify that the Mayor, or his designee, is authorized to execute contracts and approve change orders.	By
By	Date
Date	CONTRACT AND BONDS APPROVED
	By
	Date

# **CERTIFICATE OF AUTHORITY - CORPORATE**

1.	I hereby certify that I am the Clerk/Secretary of				
		(insert full name of Corporation)			
2.	corporation, and that				
	corporation, and that (insert the name of officer wh	to signed the <b>contract and bonds</b> .)			
3.	is the duly elected				
	(insert the	title of the officer in line 2)			
4.	of said corporation, and that on				
		is ON OR BEFORE the date the e contract and bonds.)			
	at a duly authorized meeting of the Board of Directors of said c present or waived notice, it was voted that	orporation, at which all the directors were			
5.	the(insert <b>rame</b> from line 2) (insert <b>title</b> from line 3)				
	(insert <b>name</b> from line 2)	(insert <b>title</b> from line 3)			
	of this corporation be and hereby is authorized to execute concorporation, and affix its Corporate Seal thereto, and such exename and on its behalf, with or without the Corporate Seal, shabove vote has not been amended or rescinded and remains in	ecution of any contract of obligation in this corporation's hall be valid and binding upon this corporation; and that the			
6.	ATTEST:(Signature of Clerk or Secretary)*	AFFIX CORPORATE SEAL HERE			
7.	Name:(Please print or type name in line 6)*				
8.	Date: (insert a date that is <i>ON OR AFTER</i> the date the				
	officer signed the <b>contract and bonds</b> .)				

\* The name and signature inserted in lines 6 & 7 must be that of the Clerk or Secretary of the corporation.

# **ATTESTATION**

, , , ,	acting on behalf of the Contractor, certifies under the penalties of perjury th ief, the Contractor is in compliance with all laws of the Commonwealth relate, and withholding and remitting child support.*	- 1
**Signature of Individual or Corporate Contractor (Mandatory)	*** Contractor's Social Security Number (Voluntary) or Federal Identification Number	
By: Corporate Officer (Mandatory, if applicable)	Date:	
* The provision in the Attestation relating to chi individual.	ald support applies only when the Contractor is an	
** Approval of a contract or other agreement wi	ill not be granted unless the applicant signs this certification clause.	

\*\*\* Your social security number will be furnished to the Massachusetts Department of Revenue to determine whether you have met tax filing or tax payment obligations. Providers who fail to correct their non-filing or delinquency will not have a contract or other agreement issued, renewed, or extended. This request is made under the authority of GL c. 62C, § 49A.

# SUPPLY & DELIVER BRASS FITTINGS & VALVES

(For the distribution of potable water)

# SPECIAL INSTRUCTIONS, TERM CONTRACTS

The term of this contract is for a fixed fee for **90 calendar days**. **Material will be ordered on an as needed basis** during the contract term. It is understood that in the event the term of this contract or any renewal option exercised extends beyond June 30 in any calendar year, the City reserves the right to terminate the contract if funding for its continuance is not appropriated in the succeeding fiscal year commencing July 1.

The quantities specified in the Project Manual are approximate and are based on previous consumption. It is specifically understood the City does not agree to purchase any specific quantity, and purchases will be made to cover actual requirements only. The City may increase or decrease the quantity of any item specified without change in price per unit of quantity as stated in the Contractor's Bid Response. The dollar value of the contract may, with bidder's consent, be increased, through a written Change Order, by an amount not to exceed twenty five percent (25%) of the contract total.

Bids must remain firm thoughout the contract term. No increase in the unit price bid once accepted and awarded will be permitted. No substitution for the brand/model bid once accepted and awarded will be permitted without prior written approval of the City.

Bidders will upon request provide a sample of any item quoted herein, at no charge to the City, within five (5) working days of notification. Failure to provide samples will be grounds for rejection of the bid.

Prices shall be net, FOB destination. Cash, trade and quantity discounts must be calculated in the prices quoted.

Delivery of items ordered will be required within five (5) working days after receipt of order.

**END OF SECTION** 

# CITY OF NEWTON MINORITY/ WOMEN BUSINESS ENTERPRISE PLAN DECEMBER 1, 1999 JANUARY 21, 2010 revised

# STATEMENT OF POLICY:

Whereas it is the policy of the government of the United States of America, the Commonwealth of Massachusetts and the City of Newton that no person shall be discriminated against in any manner whatsoever on the grounds of race, religion, color, sex, handicap or national origin; and

Whereas, it is the policy of the government of the United States of America that no person shall, on the grounds of race, color, sex or national origin, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any program of activity funded entirely or in pail by the City, the State or Federal government; and

Whereas, it is the policy of the government of the United States of America to encourage that Minority/Women Business Enterprises shall have the maximum practicable opportunity to participate in Federal and State assisted projects; and all City funded contracts; and

Whereas, it is the policy of the City of Newton to encourage that minority/women business enterprises shall have the maximum practicable opportunity to participate in all City funded contracts; and

Whereas, the City of Newton, as a recipient of Federal and State funds subscribes to the above policies and will fully comply With Federal, State and local laws and directives governing non-discrimination, equal opportunity and affirmative action in all municipal activities; and

Whereas, to further enunciate the equal opportunity policy of the City of Newton's Minority/Women Business Program, the following responsibilities are specified

This MINORITY/ WOMEN Business Enterprise Plan sets forth the administrative standards for the further implementation of the City of Newton's policy of the utilization of minority contractors and subcontractors.

The City of Newton strongly affirms that it will not discriminate in any contractual procedures against any persons because of race, color, religion, age, disability, sex or national origin. This policy shall be administered with a positive supportive attitude.

It is the responsibility of the City of Newton to take affirmative steps to implement this policy to insure equality of opportunity in conducting the Program including notifying those persons and businesses doing business with the City, that contracts for goods, services and construction, shall be made Without reference or regard to race, color, sex, age, handicap, religion or national origin.

Setti D. Warren Mayor

#### CITY OF NEWTON MINORITY/ WOMEN BUSINESS ENTERPRISE PLAN JANUARY 21, 2010

# I. DEFINITIONS:

- A. Minority Person- the term includes a person who is of Black Hispanic, Asian, American Indian or Cape Verdean origin.
- B. Minority Business Enterprise (MBE) -- the term shall mean a business a) that is certified by SOMWBA; orb) I provides evidence satisfactory to the City's Affirmative Action Officer that it is a business owned or controlled by one or more of the following:
  - · an individual who is a minority person,
  - a partnership or joint venture controlled by minority persons in which at least 51 % of the ownership interest is held by minority persons or,
  - a corporation or other entity controlled by minority persons and in which at least 51 % of the stock is owned by one or more minority persons.
- C. Contract Compliance Officer the Chief Procurement Officer or his/her designee responsible for the implementation of Newton's Minority/Women Enterprise Plan ("MWBE Plan") and activities.
- D.MCAD Massachusetts Commission Against Discrimination.
- E.SOMWBA -- State Office of Minority/Women Business Assistance,
- F. City The City of Newton.
- G. Women Business Enterprise (WBE) the term shall mean a business a) that is certified by SOMWBA; or b) provides evidence satisfactory to the City's Affirmative Action Officer that it is a business owned or controlled by one or more of the following:
  - an individual who is a woman.
  - a partnership or joint venture controlled by women in which at least 51% of the ownership interest is held by women, or
  - a corporation or other entity controlled by women and in which at least 51% of the stock is owned by one or more women.
- H. MWBE Minority or Women Business Enterprise

# II. GOALS:

Newton's Minority/Women Enterprise Plan ("MWBE Plan") shall be guided by the goals presented below to promote minority/women opportunities within the City.

These goals comprise the framework for those activities to be implemented as part of the MWBE Plan:

To take affirmative action in expanding opportunities for minority and women owned firms in obtaining contracts within the City of Newton.

To assure that all contractors, regardless of race color, religion, creed, national origin, sex, age, ancestry or handicap, shall have equal opportunity to City contracting activities.

To award, of the total annual City contract dollars expended, 10 percent to MBE and 5 percent to WBE for construction; for goods and services, 5 percent WBE and 5 percent MBE.

## III. SOLICITATION ACTIVITIES:

To notify MWBEs of upcoming contracts for construction, professional services and supplies, funded in whole or in part with Federal, State, and City funds, the following activities will be undertaken. In addition on a regular basis, the City of Newton will distribute to its listing of MWBEs and SOMWBA, a summary of upcoming contract opportunities which are subject to the City's MWBE Plan.

#### A. Construction Contracts

All construction contracts with an estimated value over \$50,000 will be formally advertised within local, regional, minority and special interest publications at least 14 days prior to the bid opening date.

For all such construction contracts a "Notice of Solicitation" of a project going out to bid will be distributed to appropriate SOMWBA or City certified firms at least 14 days prior to the bid opening date.

# B. Contracts for Professional Services

The City of Newton will send notification of its advertised Request for Proposals to appropriate! SOMWBA or City certified firms Responding MWBE firms will be considered for contract award within the bounds of generally accepted management practice or with the applicable procurement law relating to securing the lowest cost and best services available.

# C. Procurement of Supplies

The City of Newton will (where feasible) utilize MWBEs for the procurement of supplies in accordance with City purchasing procedures. These efforts will be documented and reported to MCAD, and the Mayor's office on a quarterly basis.

# IV. CONSTRUCTION ACTIVITIES:

#### A. Goals

The City of Newton bid documents and contracts with an estimated value over \$50,000 will contain the City's goal of 10% for MBE and 5% for 'WBE utilization for subcontracts,

## B. Pre-Bid Conference

To affirmatively further the opportunities available to prospective bidders, the City will hold a pre-bid conference 5-7 days prior to the bid opening date for all City construction contracts and subcontracts with an estimated value over \$50,000.

The pre-bid conference will provide an opportunity for contractors to: review and clarify the technical requirements of the projects, review the City's MWBE Plan; and review Equal Opportunity requirements. The City will advertise this conference and extend invitations to interested contractors as part of the notice of solicitation.

# C. Bid Submission

All bids for City of Newton contracts with -an estimated value over \$50,000 shall include a certification of intent to be completed by the bidder swing his/her intent to comply with the City's MWBE Plan. Failure to include this certification shall be an informality which may be waived if such certification is received prior to the award of the contract.

# D. Contract Execution

Upon notification of award of the contract, the bidder shall provide a written plan detailing how it will comply with the MWBE Plan

# E. Monitoring

Throughout the duration of the contract, the City of Newton through its Contract Compliance Officer, will monitor the progress and activities of all contractors and subcontractors as they attempt to comply with the MWBE Plan.

# F. Enforcement

In the case of clear neglect to make a good faith effort to comply with this MWBE Plan, the City of Newton reserves the right to designate contractor, after a hearing, as ineligible for future City bid awards.

# V. CONTRACT COMPLIANCE OFFICER/DUTIES AND RESPONSIBILITIES:

The Contract Compliance Officer, as liaison between minority firms and the City of Newton will have the overall responsibility for the implementation of Newton's MWBE Plan. This responsibility includes the development, management, dissemination of information; the provision of technical assistance to minority firms including clarification of procedures to be implemented; maintenance of relevant documentation; completion of reporting requirements; and performance of monitoring and evaluation activities; and maintenance and updating of listings of minority/women business.

The Contract Compliance Officer has oversight of all City procurements for construction, professional services and supplies and shall coordinate the implementation of the MWBE Plan with other *City* departments.

# THE CITY OF NEWTON. MASSACHUSETTS SUPPLEMENTAL EQUAL EMPLOYMENT OPPORTUNITY ANTI-DISCRIMINATION AND AFFIRMATIVE ACTION PROGRAM

- The requirements hereinafter set forth apply to construction contracts which involve an
  expenditure by the City of \$50,000 or more.
- II. For purposes of this contract "minority" refers to Asian Americans, Black, Hispanics American Indians and Cape Verdeans. The City refers to the- City of Newton
- III. During the performance of this contract the Contractor and all of (his) Subcontractors (hereinafter collectively referred to as the Contractor), for himself, his assignees, and successors in interest, agree as follows:

In connection with the performance of work under this contract, the Contractor shall not discriminate against any employee or applicant for employment because of race, color, religious creed, national origin, age or sex. The aforesaid provision shall include, but not be limited to, the following: layoff; termination; rates of pay or other forms of compensation; conditions or privileges of employment; and the selection of apprenticeship. The Contractor shall post hereafter in conspicuous places, available for employees and applicants for employment, notices to be provided by the City setting forth the provisions of the Fair Employment Practices Law of the Commonwealth (MGL Chapter 151 B). (See Attachment A)

- 2. In connection with the performance of work under this contract, the Contractor shall undertake in good faith, affirmative action measures designed to eliminate any discriminatory barriers in the terms and conditions of employment on the grounds of race, color, religious creed, national origin, age or sex, and to eliminate and remedy any effects of such discrimination -in the past. Such affirmative action shall. entail positive and aggressive measures to ensure equal employment: opportunity in the areas of hiring, upgrading, demotion or transfer, recruitment, 'Layoff or termination, rate of compensation, and inservice or apprenticeship training programs. This affirmative action shall. include all action required to guarantee equal employment opportunity for all persons, regardless of race, color, religious creed, national origin, age or sex. A 'purpose of- this provision is to ensure to the fullest extent possible an adequate supply of skilled tradesmen for this and future City public construction projects
- 1. As part of this obligation of remedial action under the foregoing section, the contractor shall maintain on this project a not less than 5 percent ratio of minority employee man hours to total man hours in each job category, including, but not limited to, bricklayers, carpenters, cement masons, electricians, ironworkers, operating engineers, and those "classes of work" enumerated in Section 44C of Chapter 149 of the Massachusetts General Laws.
- 2. In the hiring of minority journeymen, apprentices, trainees and advanced trainees, the Contractor shall rely on referrals, from the Contractor's affirmative action program approved by the City, traditional referral methods utilized by the construction industry, and referrals from agencies, not more than three in number at any one Lime, designated by the Liaison Committee or the City.

- At the discretion of the City, there maybe established for the life of this contract a body to be known as the Liaison Committee, The Liaison Committee shall be composed of the Compliance Officer and one representative each from the Departments administering this project, hereinafter called the administering Departments, and such other representatives as may be designated by the City.
- The Contractor (or, his/her agent, if any, designated by him/her as the onsite equal
  employment opportunity officer) shall recognize the Liaison Committee as the affirmative
  action body, and shall establish a continuing working relationship with the Liaison
  Committee on all matters related to minority recruitment, referral, employment and training.
- 3. The Contractor shall prepare manning tables on a quarterly basis.\* These shall be broken down into projections, by week, for workers required in each trade. Copies shall be furnished one week in advance of the initiation of work and quarterly thereafter to the City and to the Liaison Committee.
- 4. Records of employment referral orders, prepared by the Contractor, shall be made available to the *City* and to the Liaison Committee on request.
- 5. The contractor shall prepare weekly reports in a form approved by the City of hours worked in each trade by each employee, identified as minority or non-minority. Copies of these reports shall be provided at the end of each week to the City and to the Liaison Committee.
- \* If job is less than three months, prepare for length of job.
- VI. If the Contractor shall use any sub contractor on any work performed under this contract, he/she shall take affirmative action to negotiate with qualified minority subcontractors. This affirmative action shall cover both pre-bid and post-bid periods. It shall include notification to the State Office of: Minority Business Assistance or As designee, while bids are in preparation, of all products, work or services for which the Contractor intends to negotiate bids.
- VII. In the employment of journeyman, apprentices, trainees, and advanced trainees, the Contractor shall give preference to citizens of the Commonwealth who have served in the armed forces of the United States in time of war and have been honorably discharged there from or released from active duty therein, and who are qualified to perform the work to which the employment relates, and, secondly to citizens of the Commonwealth generally, and, if such cannot be obtained in sufficient numbers, then to citizens of the United States
- VIII. A designee of the City and a designee of the Liaison Committee shall each have the right of access no the Construction site,
- IX. <u>Compliance with Requirements</u>

The Contractor shall comply with the provisions of Chapter 151 B of the Massachusetts General Laws, which are herein incorporated by reference and made as amended by Executive Order 227, and of Chapter 151B as amended, of the Massachusetts General Laws, both of which are herein incorporated by reference and made a part of this contract.

X. <u>Non-Discrimination</u>

The Contractor, in the performance of all work after award, and prior to completion of the contract work, will not discriminate on the grounds of race, color, religious creed,

national origin, age or sex in employment practices, in the selection or retention of subcontractors, or in the procurement of materials and rentals of equipment.

XI. Solicitations for sub-Contracts and for the Procurement of Materials and Equipment
In all solicitations either by competitive bidding or negotiation made by the Contractor
either for work to be performed under a subcontract or for the procurement of materials or
equipment, each potential subcontractor or supplier shall be notified in writing by the
Contractor of the Contractor's obligations under his contract relative to non-discrimination
and affirmative action.

# XII. Bidders Certification Requirement

1. The following certification statement will be inserted in the bid document just above the bidder's signature.

"The bidder hereby certifies he shall comply with tile minority manpower ratio and specific action steps contained in the City of Newton, Massachusetts Supplemental Equal Employment-- Opportunity Anti-Discrimination and Affirmative Action Program. The Contractor receiving the award of the contract

shall be required to obtain from each of its subcontractors and submit to the contracting or, administering agency prior to the performance of any work under said contract a certification by said subcontractor, regardless of tier, that it will comply with the minority manpower ratio and specific affirmative action steps contained in the City of Newton Massachusetts Supplemental Equal Employment Opportunity Anti -Discrimination and Affirmative Action Program.

# XIII. Contractor's Certification

A Contractor's' certification form must be signed by all successful low bidders prior to award by the City. A Contractor shall not be eligible for award of a contract unless the contractor has executed and submitted the Contractor's Certification, which shall be deemed a part of the resulting contract. (See Attachment B)

# XIV. Subcontractor's Certification

Prior to the award of any subcontract, regardless of tier, the prospective subcontractor must execute and submit: to the Prime Contractor a subcontractor's certification setting forth the subcontractor's compliance with this program, which shall be deemed a part of the resulting subcontract. (See Attachment C)

# XV. Compliance - Information, Reports and Sanctions

 The Contractor will provide all information and reports required by the administering department or, the City on instruction issued by either of them and will permit access to its facilities and any books, records, accounts and other sources of information which may be determined by the City to affect the employment of personnel. This provision shall apply only to information pertinent to the City's supplementary affirmative action contract requirements. Where information required is in the exclusive possession of another who fails or refuses to furnish this information, the Contractor shall so certify to the administering department or the City as appropriate and shall set forth what efforts he/she has made to obtain the information.

- 2. Whenever the administering department, the City, or the Liaison Committee believes the General Contractor or any Subcontractor may not-, be operating in compliance with the terms of this Section, the City directly, or through its designated agent, shall conduct: an appropriate invest ig at ion, and may confer with the parties, to determine if such Contractor is operating in compliance with the terms of this Section. If the City or its agent finds the General Contractor or any Subcontractor not in compliance, it shall make a preliminary report on non-compliance, and notify such Contractor in writing of such steps as will in the judgment of the City or its agent bring such Contractor into compliance. In the event, that such Contractor fails or refuses to fully perform such steps, the City shall make a final report of non-compliance, and recommend to the administering department the imposition of one or more of the sanctions listed below. If, however, the City believes the General Contractor or any Subcontractor has taken or is taking every possible measure to achieve compliance, it shall not make a final report of non-compliance, within fourteen days at the receipt of the recommendations of the City, the administering department shall move to impose one or more of the following sanctions, as it may deem appropriate to attain full and effective enforcement:
  - (a) The recovery by the administering department from the General Contractor of 1/100 of!! of the contract award price or \$1000 whichever sum is greater, in the nature of liquidated damages or if a Subcontractor is in non-compliance, the recovery by the administering department from the General Contractor, to be assessed by the General Contractor as a back charge against the Subcontractor, of 1/10 of 1% of the sub-contract price, or \$400 whichever sum is greater, in the nature of liquidated damages, for each week that such party fails or refuses to comply
  - (b) The suspension of *any* payment of part thereof due under the contract until such time as the General Contractor or any Subcontractor is able to demonstrate his compliance with the terms of the contract;
  - (c) The termination, or cancellation, of the contract, in whole or in part, unless the General Contractor or any Subcontractor is able to demonstrate within a specified time his/her compliance
  - with the terms of the City's affirmative action construction contract requirements; OR,
  - (d) The denial to the General Contractor or any Subcontractor of the right to participate in any future contracts awarded by the administering department for a
  - (e) Period of up to three years.
- 3. If at any time after the imposition of one or more of the above sanctions (unless the contract. has been terminated), a Contractor is able to demonstrate that he/she is in compliance with this section, he/she may request the City to suspend the sanctions conditionally pending a final determination by the City as to whether the Contractor is in

compliance. Upon final determination of the City, the administrating department, based upon the recommendation of the City, shall either lift the sanctions or continue them.

4. Sanctions enumerated under Section XV shall not: be imposed by the City except after the General Contractor or Subcontractor has had an opportunity for full and fair hearing with City. The non-compliance investigation shall be initiated without prior notice to the contractor. Any sanctions to be imposed shall be, set forth fully and completely in writing, and may then be appealed to t-he City in writing by the Contractor.

# .XIV. Severability

The provisions of this section are severable, and if any of these provisions shall be held unconstitutional by any court of competent jurisdiction, the decision of such court. shall not, affect or impair any of the remaining provisions.

# FAIR EMPLOYMENT LAW

The Fair Employment Law declares that it is illegal to discriminate on the basis of race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability

#### IT IS UNLAWFUL:

- to print or circulate any advertisement or use any application form which directly or indirectly specifies any limitation on the basis of race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability.
- to discharge or refuse to hire arty individual on file basis of their race, color, religious creed, national origin, sex, sexual orientation, age, ancestry, or disability.
- to discriminate against any individual in matters relating to compensation, terms, conditions, or privileges of employment because of their race, color, religious creed, national origin, sex, sexual orientation, age, ancestry or disability.
- to require a woman to leave her job at some arbitrary stage in her pregnancy or to refuse to let her return to work until a specified time set by the employer.
- to grant a female employee at least eight weeks leave for purposes of childbirth or to treat her absence differently than any other absence due to disability.

- to require an employee to remain at work during any day or part thereof that s/he observes as a religious holiday provided that the employee gives a ten-day notice and the absence does not cause undue hardship to the employer.
- to discharge or refuse to hire any person because of their failure to furnish information concerning admission to a center for the treatment of mentally ill persons.
- to discriminate against a job applicant for failure to furnish information, written or oral, concerning.- A) an arrest, detention or disposition regarding a violation of law in which no conviction resulted; B) a first conviction for any of the following misdemeanors: driving under the influence, simple assault, speeding, minor traffic violations, disturbance of the peace; or C) conviction for a misdemeanor where the date of the conviction or end of period of incarceration, if any, occurred more than five years prior to the employment application, and the applicant has not been convicted of any offense within the five years immediately before the date of application.

#### RETALIATION

It is illegal to retaliate against any person because s/he has opposed any practices forbidden under this Chapter or because s/he has filed a complaint, testified, or assisted in any proceeding before the Commission. It is also illegal to aid, abet, incite, compel or coerce the doings of any of the acts forbidden under this Chapter or to attempt to do so.

# SEXUAL HARASSMENT

151B:1,18 The term "sexual harassment" shall mean sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature when (a) submission to or rejection of such advances, requests or conduct is made either explicitly or implicitly a term or condition of employment, or as a basis for employment decisions: (h) such advances,, requests or conduct have the purpose or effect of unreasonably interfering with an individual's work performance by creating an intimidating, hostile, humiliating or sexually offensive work environment.

### COMPLAINTS

All complaints must be filed in writing. Information on the filing of complaints can be obtained by contacting the MASSACHUSETTS COMMISSION AGAINST DISCRIMINATION at the following locations:

Boston office: One Ashburton Place Room 601 Boston, MA 02108 (617) 727-3990 Springfield office: 436 Dwight Street Suite 315 Springfield, MA 01103 (4 13) 739-2145

**END OF SECTION**